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ABSTRACT

Projections of the number of 18-year-olds in each Pennsylvania county through 1994 are presented. The projections are further disaggregated by the student attributes of sex and race. The projections are based on historical migration rates, natality rates, and mortality rates. The projection procedure assumes that the survival and migration rates remain constant across cohorts; however, there will be deviations between projected and actual numbers of 18-year-olds. The importance of the projections does not depend on this absolute accuracy, but upon the overall trends that are revealed. The projections provide a basic input for determining the potential number of first-time students available in the traditional college-age cohort. The data on the total statewide projections for Pennsylvania between 1971 and 1994 show that the number of 18-year-olds remained a relatively constant 255,000 between 1973 and 1977; however, the decline in the number of 18-year-olds begins in 1978. During the 1980s, the total number of 18-year-olds will decline 19.6 percent. Over the period 1971-1994, the decline in the number of 18-year-olds is projected to be 34.5 percent. Problems that will affect the conversion of demographic declines into college enrollments include predicting: the number of 18-year-olds eligible to go to college (i.e., who actually graduate from high school); the number of eligible students who choose to attend college; the number of nontraditional students, including part-time adult students; and college student retention rates. In addition to the projection statistics, the projection formula and a bibliography are presented. (SW)

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Demographic Trends For Pennsylvania 18 Year-Olds By County, Sex, and Race

Michael L. Tierney

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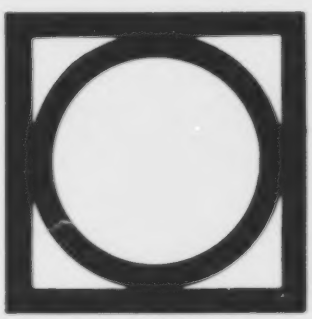

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Center for the Study of Higher Education

Report No. 34

The Pennsylvania State University
University Park, Pennsylvania

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FOREWORD

Student enrollment estimates are of obvious importance to college and university administrators. Unfortunately, these estimates tend to be unreliable due to changes in economic conditions, political and administrative decisions, and population demography. Anticipated changes in student demography, particularly the projected decline in the traditional, college age cohort, has recently attracted the most attention. However, most of these projections are based upon aggregated state trends and are, therefore, of limited utility to institutional and system-wide administrators.

The purpose of this report is to provide projections of the number of 18 year-olds in each Pennsylvania county through 1994. These projections are further disaggregated by the student attributes of sex and race. Because these projections are based upon historical migration rates and in some cases a small number of individuals, there will be deviations between projected and actual numbers of 18 year-olds. The importance, however, of these projections does not depend upon this absolute accuracy, but upon the overall trends that are revealed. These trends provide one of the primary, environmental phenomena to which college and university administrators must learn to adapt in the coming decade.

The Center for the Study of Higher Education is pleased to make these data available in the hope they will be of use to the Pennsylvania postsecondary education community and that they will stimulate vigorous discussion among the various sectors of the Commonwealth.

Kenneth P. Mortimer
Professor and Director
University Park
August 1979

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Within the Center for the Study of Higher Education, Steve Bragg was responsible for adapting PIRO's projection program and for the production of the initial statewide projections. Steve Kubricki was responsible for the production of the county projections. The bulk of the typing fell to the Center's three amanuenses, Marilyn Downing, Patricia Duich, and Mary Kay Brame, who cheerfully reworked countless revisions.

INTRODUCTION

The national demographic trends are relatively well known; it is expected that there will be a 19 percent decline in the number of 18 year-olds during the 1980s (Cartter, 1976; Magarrell, 1978). The primary cause of this decline is a substantial reduction in American natality rates; the total number of live births in the United States fell from 4,259,000 in 1962 to 3,393,000 in 1972, an absolute decline of slightly over 20 percent. Further, this trend of declining live births has continued through at least 1976.

Such national trends portend substantial declines in college enrollments during the coming decade. It is unlikely that these declines will be offset by increased high school completion rates which currently stand at 78.5 percent nationally (Cartter and Solmon, 1976). Further, it has been argued that the probable enrollment decline for the "traditional" college-age cohort will be even steeper than projected from demographic assumptions due to a continued slippage in college participation rates (Magarrell, 1978). The percentage of white 18-19 year-olds in college has dropped 12 percent to 34.4 percent between 1970 and 1974, although black participation rates increased 6 percent to 23.2 percent (Winkler, 1975).

Unfortunately, national projections have little utility for states which face demographic trends which deviate substantially from national projections. Further, typical statewide projections do not take into account internal shifts in population distribution and composition. Consequently, institutional and statewide planners are limited in their ability to anticipate the potential level of demand for educational services in various geographical areas within a state (Leslie, 1977).

The purpose of this study is to project the number of 18 year-olds in each county of the Commonwealth of Pennsylvania through 1994. These projections are further disaggregated by sex and racial (white and nonwhite) attributes. Such projections provide a basic input for determining the potential number of first-time students available in the traditional college-age cohort. However, a number of other inputs would be required before it would be possible to estimate the probable

number of first-time students who will enroll. These inputs are discussed in the concluding section of the monograph.

THE BASIC METHODOLOGY

The methodology employed is a cohort-component procedure adapted from a study that was originally intended to project older populations in local areas (Gillaspy et al., 1977). Such a methodology is based on the fact that changes in population are captured in three components: (1) natality, (2) mortality, and (3) migration. Implicit in these projections is the assumption that the mortality and migration rates are constant across cohorts, although natality rates may vary from year to year. The calculations and data employed in each component are described below.

Natality

The natality component is based upon the number of resident live births in each county by sex and race, from 1960 through 1976. While there is still the possibility of not reporting or mis-reporting a birth, counting the number of live births introduces less uncertainty than projection methods which postulate one or more fertility rates, i.e., average number of lifetime births per woman (Shyrock and Siegel, 1973). However, using live births requires a greater data collection effort and limits projections in this case to eighteen years into the future. These vital statistics were supplied by the Pennsylvania Department of Health.

Table 1 displays the total live births in the Commonwealth of Pennsylvania during this period. This table demonstrates that the natality situation in Pennsylvania parallels and in fact exceeds national trends; there is an absolute decline of 38.6 percent in the number of live births over this period. (The corresponding national decline is 27 percent.) Consequently, most of the anticipated decline in 18 year-olds is attributable to substantial reductions in the number of babies born during the period 1960 through 1976. Because it takes approximately 18 years to "produce" a "traditional" college-age freshperson, these natality data

TABLE 1

NUMBER OF LIVE BIRTHS IN THE COMMONWEALTH OF PENNSYLVANIA 1960 - 1976

Total Live Births

Year	White			Nonwhite			Total
	Total	Males	Females	Total	Males	Females	
1960	215,370	110,762	104,608	25,729	12,950	12,779	241,099
1961	213,796	109,412	104,384	26,376	13,276	13,100	240,172
1962	200,348	102,690	97,658	26,045	13,014	13,031	226,393
1963	196,221	100,906	95,315	25,316	12,790	12,526	221,537
1964	192,967	99,032	93,935	25,548	12,968	12,580	218,515
1965	179,539	92,296	87,243	24,566	12,603	11,963	204,105
1966	172,284	88,081	84,203	23,585	11,829	11,756	195,869
1967	165,511	84,926	80,585	23,195	11,585	11,606	188,706
1968	162,323	83,061	79,262	23,460	11,950	11,456	185,729
1969	161,322	82,856	78,466	23,724	11,987	11,737	185,046
1970	166,520	85,622	80,898	25,634	13,067	12,567	192,154
1971	156,745	80,621	76,124	24,194	12,316	11,878	180,939
1972	141,585	72,918	68,667	21,525	10,847	10,678	163,110
1973	133,139	68,169	64,970	20,133	10,149	9,984	153,272
1974	132,107	67,619	64,488	19,351	9,897	9,454	151,458
1975	128,372	65,730	62,642	20,570	10,443	10,127	148,942
1976	126,609	65,091	61,518	21,395	10,750	10,645	148,004

1. Data provided courtesy of the Pennsylvania Department of Health.

2. Total live births for each group was calculated by summing the number of live births for each county.

may portend substantial enrollment declines for colleges and universities that extend to at least 1994.

The overwhelming factor behind this decline in the number of live births is the 50 percent reduction in fertility rate for women in the Commonwealth between 1960 and 1975 (Senier, 1975). Not only are women having fewer children, but they are waiting until they are older before having children. Also contributing to this decline is a net out-migration of women of child-bearing age within the white population. This latter factor accentuates forces leading to a reduction in the size of the 18-24 year-old age-cohort.

There is also a small shift in the racial composition of the total live births between 1960 and 1976. Specifically, white live births constituted 89 percent of the total live births in 1960 but declined to 85 percent by 1976. It is not possible at this time to determine precisely whether these differentials are due to differences in fertility rates or to differences in the rate of migration of women of child-bearing age. However, these differential changes serve to emphasize the need to disaggregate projections at least by racial groups.

Table 1, however, obscures the between-county differences in the decline of the number of total live births. For example, two counties (Wyoming and Fulton) show an absolute gain in the number of live births during this period while two counties (Allegheny and Cameron) have an absolute decline of over 53 percent in total live births. Such differences may be due to between-county variation in fertility rates or (more likely) differences in the number of women of child-bearing age. Consequently, biases may be introduced into county population projections when employing either statewide or national fertility rates.

Despite the possibility of such biases, both the Pennsylvania Projections Series (Office of State Planning and Development, 1973) and the projections developed by the Pennsylvania Department of Education (Senier, 1975) employ state fertility rates in their county projections. Such a procedure will bias upwards (downwards) county population projections in those counties where the number of live births falls below (above) estimates from state fertility rates. It was to avoid these potential biases that the current methodology employed counts of the total number of resident live births in each county.

Mortality

The mortality component is based upon the calculation of age-specific survival ratios (SR_i) for each county (Barclay, 1958; Gillaspy et al., 1977). These survival ratios estimate the probability that an individual will survive from one age to the next (e.g. the probability that a sixteen year-old survives to his/her seventeenth year). In order to calculate these survival ratios, it is first necessary to estimate the age-specific death rates ($ASDR_i$) for each county (Shyrock and Siegel, 1973; Gillaspy et al., 1977). The five-year death totals employed in calculating a county's age-specific death rate were also supplied by the Pennsylvania Department of Health.

In calculating a county's age-specific death rate, these five-year death totals were corrected for census under-enumeration and for errors in age reporting (Siegel, 1974; Gillaspy et al., 1977). The former correction is especially important because age-specific death rates were calculated separately for whites and nonwhites, with the latter being subject to somewhat greater undercounting in the U. S. Census than the former.

Table 2 presents the average age-specific death rates for the Commonwealth. Although not displayed, the between-county variation for these rates is relatively small. Consequently, substantial bias would not be introduced into county-level projections if statewide rates were to be employed. Nonetheless, the age-specific death rates were calculated separately for each population within each county.

Once these death rates were estimated, it was possible to calculate each county's survival ratios according to the following formula:

$$SR_i = \frac{2\ (ASDR_i)}{2 + ASDR_i}$$

where i = the age for each county-sex-race cohort.

When $i = 0$, the number of live births for that year was substituted. First year survival ratios were based upon national estimates (Shyrock and Siegel, 1973; Gillaspy et al., 1977). The survival ratios are also displayed in Table 2.

TABLE 2

AVERAGE AGE-SPECIFIC DEATH RATES AND SURVIVAL RATES FOR THE COMMONWEALTH OF PENNSYLVANIA
(per 1000 population)

	AGE SPECIFIC DEATH RATES				AGE SPECIFIC SURVIVAL RATES			
Age	White Males	White Females	Nonwhite Males	Nonwhite Females	White Males	White Females	Nonwhite Males	Nonwhite Females
1	19.2	15.0	38.9	31.3	992.5	994.2	984.8	987.8
1	8.9	7.0	18.2	14.6	994.2	995.5	988.1	990.5
2	2.7	2.1	5.6	4.5	998.3	998.7	996.6	997.3
3	0.6	0.5	1.3	1.0	999.4	999.5	998.8	999.1
4	0.6	0.4	1.1	0.9	999.5	999.6	999.0	999.3
5	0.5	0.4	0.9	0.6	999.5	999.7	999.2	999.4
6	0.5	0.3	0.7	0.5	999.5	999.7	999.3	999.5
7	0.4	0.3	0.6	0.4	999.6	999.7	999.4	999.6
8	0.4	0.3	0.6	0.4	999.6	999.7	999.4	999.6
9	0.4	0.3	0.6	0.4	999.6	999.8	999.4	999.6
10	0.4	0.2	0.7	0.4	999.6	999.8	999.3	999.7
11	0.4	0.2	0.7	0.3	999.6	999.8	999.3	999.7
12	0.4	0.2	0.7	013	999.6	999.8	999.3	999.7
13	0.5	0.2	0.8	0.4	999.4	999.6	999.0	999.6
14	0.6	0.3	1.1	0.5	999.2	999.7	998.6	999.5
15	0.9	0.4	1.6	0.6	999.0	999.6	998.2	999.3
16	1.1	0.4	2.1	0.7	998.9	999.6	997.8	999.3
17	1.2	0.4	2.4	0.8	998.8	999.6	997.5	999.2
18	1.3	0.4	2.6	0.8	999.4	999.8	998.8	999.6

1. Data provided courtesy of the Pennsylvania Department of Health.

As indicated above, the absence of between-county variation in age-specific death rates and survival ratios implies that little bias would be introduced by using state-level data. Both the Population Projection Series (PPS) and the Pennsylvania Department of Education (PDE) projections employ state-level data in estimating survival ratios for individual counties. The Population Projection Series employs Bureau of Census estimates of state survival ratios. The PDE projections employed a multiple regression data analytic procedure of historical trends in age-specific death rates (Senier, 1975).

Migration

In assessing changes in the under-18 population, it is likely that migration rates are more critical than mortality rates. Further, between-county differences in these migration rates are likely to be especially critical in projecting population changes within the Commonwealth.

The net migration rate for each county is based upon a forward survival technique (Shyrock and Siegel, 1973; Gillaspy et al., 1977). In order to calculate these survival ratios it is necessary again to correct for census under-enumeration and errors in age reporting (Siegel, 1974; Gillaspy et al., 1977). Not only does the U. S. Census tend to undercount nonwhites more than whites, but the rate of undercounting is not constant for the 1960 and 1970 censuses (Siegel, 1974). Consequently, failure to correct for under-enumeration will bias upwards estimates of county migration rates (due to a lower rate of undercounting in the 1970 Census).

After correcting for under-enumeration and age bunching, the forward survival method applies the appropriate survival ratios (SR_i) to each age-cohort in the 1960 census, an application which results in the expected number of each age-cohort in the 1970 census. For those age-cohorts less than 10 years of age in the 1970 census, the number of live births was multiplied by the appropriate survival ratios (SR_i) to yield the expected 1970 census counts for these cohorts. The difference between the 1970 census estimates and the expected frequency for each age-cohort is assumed to be equal to the number of net migrants.

These calculations are summarized in the following formula:

$$Net_i = Pop70_i - (Base_i * SR_i)$$

where Net_i = the total number of migrants for the i^{th} age-cohort

$Pop70_i$ = the 1970 Census estimate, corrected for under-enumeration, for the i^{th} age-cohort

$Base_i$ = the base population (either the corrected 1960 census or the number of live births) for the i^{th} age-cohort

SR_i = survival ratio for the i^{th} age-cohort

i = the age for each county's sex-race cohort.

It should be noted that the application of the appropriate survival ratio is an iterative procedure in order to estimate, for instance, the number of individuals born in 1964 who will survive to be six years old in 1970.

The number of net migrants are, at most, ten-year counts. In order to estimate one-year migration rates, the number of net migrants is divided by the appropriate base population. The resulting migration rate is then annualized to provide an estimate of the one-year migration rate ($Migr_i$) according to the following formula:

$$Migr_i = [[(1.0 + (Net_i/Base_i)]^{\frac{1}{n}} - 1.0]$$

where $Migr_i$ = the one-year migration rate for the i^{th} age-cohort

$Base_i$ = the base population (either the corrected 1969 Census or the number of live births for the i^{th} age-cohort)

i = the age for each county's sex-race cohort

n = the number of years between the base population and the 1970 Census.

Table 3 presents the various one-year migration rates, $migr_i$. The striking feature of this table is the difference between whites and nonwhites in terms of migration; on the average, nonwhites are

leaving specific counties, while whites are immigrating. It is important to note that although these migration rates are based upon averages calculated across all 67 counties, these data primarily reflect changes in and around the Pittsburgh and Philadelphia metropolitan areas. Further, these data do not indicate where people are moving; people move between counties within the state as well as between states.

The PDE projections employed a similar procedure for estimating county migration rates (Senier, 1971). These estimates, however, do not take into account the under-enumeration problem which, as stated earlier, biases these estimates upwards. However, the 1975 PDE projections assume that future migration rates will occur at half the 1960-1970 estimates (Senier, 1975). Consequently, this assumption would tend to balance out the overestimates resulting from the failure to correct for under-enumeration.

The Population Projection Series bases its estimate of county migration rates on projections of labor market conditions (Office of Planning and Development, 1973). Specifically, this model projects labor force participation rates and the number of jobs in each labor market area. The migration rates are then estimated by taking the difference between the projected number of jobs and the resident labor force. Thus, migration rates are assumed to be a function of the supply and demand conditions within a labor market.

Basing migration rates on labor market conditions is an extremely difficult task. First, it is necessary to project the number of jobs in each labor market area. The PPS projections are developed through a "top-down framework" (Wong, 1977). It has been argued that such an approach "would give biased results for subareas in the nation" (Wong 1977). Second, it is also necessary to assume that the reason an individual moves to or from a county is job related. What research exists suggests that labor mobility is an extremely complex phenomena, but that the availability of jobs is given as a primary reason by about two-thirds of those individuals who have made an inter-county move (Shyrock and Siegel, 1973; Lansing et al., 1963).

Thus, although labor market conditions are important in determining migration rates, it is not possible at this time to predict these conditions in local areas. Consequently, future migration rates will probably

TABLE 3

SPECIFIC MIGRATION RATES
FOR THE COMMONWEALTH OF PENNSYLVANIA

(Rates per 1000 Population)

Age	White Males	White Females	Nonwhite Males	Nonwhite Females
1	24.6	48.1	-139.1	-272.1
1	22.0	25.2	- 85.0	- 88.2
2	11.3	17.3	- 56.5	-113.9
3	10.1	8.9	- 45.5	- 75.8
4	8.4	11.7	- 53.8	- 55.1
5	2.1	5.0	- 50.7	- 20.7
6	6.3	7.0	- 10.5	- 23.2
7	5.7	5.7	- 33.4	- 27.2
8	1.0	1.7	- 41.0	- 52.3
9	3.3	2.9	- 24.8	- 7.4
10	3.3	1.6	- 22.6	- 33.4
11	3.1	1.7	- 15.2	- 24.5
12	3.6	2.8	- 22.6	- 33.2
13	4.6	4.2	- 18.6	- 41.2
14	6.1	5.8	- 18.4	- 58.5
15	8.4	6.0	- 24.5	- 44.8
16	10.0	10.1	- 10.8	- 4.6
17	9.4	11.7	6.0	4.1
18	3.1	9.8	41.5	46.0

deviate from the county's historical (1960-1970) rates, with some counties facing increasing net out-migration, and some facing decreasing and perhaps zero net out-migration. It is important to recall, however, that a major element in a county's population change is due to declining fertility rates.

THE PROJECTION PROCEDURE

Once the natality, mortality, and migration components have been estimated, it is a relatively simple procedure to project into the future the number of individuals in each age-cohort. Starting with a base population, the number of individuals in each age-cohort in this base population that live to the next year of age is added to the total number of migrants. As stated earlier, this projection procedure assumes that the survival and migration rates remain constant across cohorts. As was obvious from the preceding discussion of migration rates, this assumption is likely to be violated in the long run. Consequently, there will be errors in the county projections as to the total size of an age-cohort.

The projection formula is as follows:

$$Pop_{t+1,\ i+1} = (Pop_{t,\ i} * SR_i) + (Pop_{t,\ i} * Migr_i)$$

where

$Pop_{t+1,\ i+1}$ = the population for a county's sex-race cohort aged one year

$Pop_{t,i}$ = the population for a county's age-sex race cohort in the beginning year

SR_i = the survival ratio for the i^{th} age-cohort

$Migr_i$ = the one-year migration rate for the i^{th} age-cohort

i = the age for the county's sex-race-age cohort

t = the beginning year

$t+1$ = the succeeding year

$i+1$ = the county's sex-race-age cohort aged one year.

As an example, suppose one wanted to project the number 18 year-old white males in Allegheny County in 1981 (i.e. $Pop_{1981,18}$). Assume that

$$Pop_{1980,17} = 12753$$

$$SR_{17} = .999037$$

$$Migr_{17} = .001119.$$

Employing the projection formula stated above, the number of white male 18 year-olds in Allegheny County would be:

$$Pop_{1981,18} = (1253^{*} .999037) + (12753^{*} .001119)$$

$$= 12,741 + 14$$

$$= 12,755.$$

Table 4 presents the total statewide projections for Pennsylvania between 1971 and 1994. These totals result from summing the various county projections presented in the Appendix. As can be seen from this table, the number of 18 year-olds remained a relatively constant 255,000 between 1973 and 1977. However, the decline in the number of 18 year-olds begins in 1978. During the 1980s, the total number of 18 year-olds will decline 19.6 percent. Over the period 1971-1994, the decline in the number of 18 year-olds is projected to be 34.5 percent.

PROBLEMS IN PROJECTING ENROLLMENTS

Such projections are forewarning of difficult times for postsecondary education in Pennsylvania. However, it is not correct to immediately convert these demographic declines into enrollment declines, for a number of mediating factors are at work. Unfortunately, not enough is known about these factors to be able to make these conversions at this time. Consequently, more research is required on what must now remain a series of unresolved problems.

One problem concerns the number of 18 year-olds eligible to go on to college, i.e. the number of 18 year-olds who are twelfth grade

TABLE 4
PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE AND SEX

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	222,630	111,946	110,684	23,019	11,276	11,743	245,649
1972	228,908	116,246	112,662	24,416	12,146	12,170	253,324
1973	230,636	117,622	113,014	25,493	12,727	12,766	256,129
1974	229,426	117,102	112,324	26,138	13,018	13,120	255,564
1975	228,686	116,738	111,948	26,597	13,212	13,385	255,293
1976	228,597	116,697	111,900	27,066	13,387	13,679	255,663
1977	228,103	116,469	111,634	27,451	13,594	13,857	255,554
1978	225,926	115,412	110,514	27,644	13,727	13,917	253,570
1979	221,301	113,062	108,239	27,501	13,729	13,772	248,802
1980	215,983	110,317	105,666	27,051	13,466	13,585	243,034
1981	211,817	108,191	103,626	26,771	13,310	13,461	238,588
1982	207,200	105,790	101,410	26,397	13,108	13,289	233,597
1983	200,068	102,163	97,905	25,477	12,700	12,777	225,545
1984	191,534	97,732	93,802	24,021	11,959	12,062	215,555
1985	183,882	93,832	90,050	22,573	11,227	11,346	206,455
1986	179,571	91,529	88,042	21,197	10,542	10,655	200,768
1987	179,553	91,410	88,143	19,710	9,705	10,005	199,263
1988	183,177	92,817	90,360	17,320	8,462	8,858	200,497
1989	175,044	89,320	85,724	20,261	10,105	10,156	195,305
1990	158,394	80,938	77,456	17,951	8,843	9,108	176,345
1991	149,878	76,130	73,748	16,840	8,294	8,546	166,718
1992	148,902	75,634	73,268	16,150	8,068	8,082	165,052
1993	144,867	73,612	71,255	17,055	8,457	8,598	161,922
1994	143,125	73,064	70,061	17,814	8,727	9,087	160,939

graduates. As was indicated in the Introduction, the national high school completion rate is approximately 78 percent (Cartter and Solmon, 1976). Consequently, an increase in this completion rate will not substantially offset predicted demographic declines.

Pennsylvania high school completion rates are somewhat higher than this national average, being approximately 84 percent between 1974 and 1977[1]. However, this overall completion rate obscures substantial differences between whites and nonwhites. For whites, the overall high school completion rate is approximately 87 percent, while it is only 61 percent for nonwhites. This latter rate would indicate that any offset in the demographic decline that might come from increasing completion rates would occur within the nonwhite population. Because of the relatively small number of persons within this category, even an increase in the nonwhite completion rate would result in only a small increase in the number of students eligible for postsecondary education.

A second problem concerns the number of eligible students who go on to college, a decision that constitutes the first stage in a sequential college choice process (Kohn et al., 1978; McPherson, 1978). Economists have theorized that this decision is explainable by a rational investment model in which potential students calculate (at least subconsciously) their rate of return to higher education (Becker, 1975). As long as the last dollar invested yields a rate of return that equals or exceeds the last dollar spent to pay for the investment, the potential student will decide to go on to college. It is likely, however, that the estimation of the private rate of return is mediated through differential peer and parental influences at various socio-economic levels (Trent, 1970, Sewell and Shah, 1973).

While there is some debate over how descriptive the rational investment model is of actual choice processes, it has proven to be a powerful analytical tool. Initially, the model was able to explain the substantial

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1 High school completion rates were estimated by calculating the percentage change in enrollments between 1974 high school freshmen and the 1977 high school seniors. These relatively crude estimates do not take into account either survival or migration rates for these students. Consequently, examination of differences between counties in completion rates, which can only be suggestive of possible patterns of student behavior, are not discussed.

increase in the number of students going on to college in the late 1950s and the 1960s. Typically, it was touted that people going on to college would make $100,000 in additional lifetime earnings. Becker (1975) estimated the rate of return to the individual to be about 12 percent. More recently, it has been argued that this rate of return has fallen to 7.5 percent, a figure that indicates that going to college is not a worthwhile investment from the individual's point of view (Freeman, 1976). As a result, college participation rates have been declining as more potential students decide to invest in other options. Further, some economists have argued that the rate of return to the individual will continue to remain at this relatively low level (or drop lower!); this means that projected declines in college enrollments will be even greater than would be predicted from the demographic trends.

As indicated in the Introduction, nonwhites are the exception to these generally declining participation rates. As Freeman (1976) points out, these increases in participation rates have resulted from substantially improved labor market conditions for nonwhites and women. The removal of various types of discriminatory practices in the labor market opens to nonwhites and women private rates of return that equal and in some cases exceed those of white males (Hauser, 1973). Consequently, projections of college participation rates must consider the impact of a number of factors which affect individual rates of return.

Participation rates of Pennsylvania high school graduates parallel the national situation in which participation rates increased through the 1960s and then began a decline that has currently reached a plateau at approximately 35 percent of the eligible population. (This figure represents the percentage of high school graduates entering Pennsylvania degree-granting institutions.) Whether or not this plateau represents a bottoming-out of the decline in participation rates or a temporary respite remains to be seen.

However, statewide estimates of college participation rates tend to obscure substantial variation between counties and public vs. private high school graduates. For instance, an average of 44.5 percent of private high school graduates enter Pennsylvania degree-granting institutions while the participation rate for public school graduates averages

only 33 percent. Such differences between the two sectors suggests that either private high schools admit a more academically able, college-oriented student or the private schools themselves have a substantial and positive impact on the decision to go to college, or perhaps some interaction of the two factors is at work. Such differences, at the very least, indicate the need for research into these differential participation rates.

In addition to these differences between public and private high schools, college participation rates vary substantially from county to county. Within the public sector, Somerset County has the lowest participation rate (19.8 percent) while Lackawanna County has the highest (42.0 percent). Within the private sector, Perry County is lowest (18.2 percent) while Cumberland County is highest (67.4 percent). Just as demographic projections must be disaggregated by county, these data point to the necessity of also disaggregating participation rates.

There are other stages in the college choice process which are equally important for determining where the individual who has decided to go to college will eventually matriculate. An understanding of these decisions is extremely important for such public policy issues as the preservation of a diversity of postsecondary options within Pennsylvania or an estimation of the probable cost to the taxpayer of operating its public institutions. Thus, more research is required on the factors affecting the future student's decision to apply to a given type of postsecondary institution, that institution's decision on whether or not to admit the student, and the admitted student's decision to matriculate. Adequate research-based data on these decisions are only now becoming available.

The preceding problems pertain only to estimates of first-time college freshmen from the traditional college-age cohort. It is frequently argued that the projected decline in this cohort will be offset by recruiting a large number of "nontraditional" students (Bowen, 1975). While these "nontraditional" students may pick up the enrollment slack in some urban institutions, they are not likely to be the saviors of postsecondary education. First, it takes approximately five part-time "adult" students to equal one full-time 18 year-old college

student (Cartter and Solmon, 1976). It is questionable whether there will be enough part-time "adult" students to cover the college-age cohort decline of the size anticipated. Second, even with financial assistance, most "adults" are not willing to spend their leisure time in the classroom. General Motors Coporation, for instance, has a tuition remission program amounting to $900 per employee. Yet, only one-tenth of one percent of the employees avail themselves of this educational opportunity. Despite the fact that it might be good social policy to encourage the development of such persons' potential, it is probably the case that a large proportion of the "nontraditional" population is indifferent to a postsecondary education.

Finally, first-time enrollments constitute only one aspect, although a large one, of total college enrollments. A number of additional problems surface when one begins to examine the probability that a student who does enroll will continue at a given institution through the completion of his/her degree objective. Astin's findings (1975) suggest that a number of factors under institutional control affect student persistence rates. This research-based data exemplifies the type of studies required by both states and institutions to estimate adequately the enrollment implications of various policies. Closely related to estimates of persistence rates are problems of articulation. Identification of the factors which facilitate or hinder student movement between institutions would be especially important for those institutions which annually enroll substantial numbers of transfer students.

The preceding discussion sketches the variety of issues that will affect the conversion of demographic declines into college enrollments. Even this brief discussion illustrates that a complex set of interdependent variables is currently affecting this conversion. That these factors are not well understood is unfortunate, but such lack of understanding should not be a cause of despair but an agenda for further research.

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APPENDIX

County Projections for the Number of 18 Year-olds by Sex and Race

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: ADAMS COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,297	685	612	12	6	6	1,309
1972	1,290	668	622	12	6	6	1,302
1973	1,279	653	626	13	6	7	1,292
1974	1,281	651	630	17	7	10	1,288
1975	1,291	656	635	20	9	11	1,311
1976	1,298	656	642	21	10	11	1,319
1977	1,306	651	655	22	12	10	1,328
1978	1,304	644	660	23	13	10	1,327
1979	1,300	641	659	26	14	12	1,326
1980	1,281	634	647	25	13	12	1,306
1981	1,262	628	634	27	13	14	1,289
1982	1,247	634	613	25	12	13	1,272
1983	1,216	616	600	25	12	13	1,241
1984	1,176	600	576	23	12	11	1,199
1985	1,142	583	559	19	10	9	1,161
1986	1,118	582	536	15	9	6	1,133
1987	1,124	577	547	10	7	3	1,134
1988	1,188	586	602	6	4	2	1,194
1989	1,105	536	569	11	8	3	1,116
1990	1,053	490	563	8	4	4	1,061
1991	986	450	536	6	4	2	992
1992	993	462	531	9	6	3	1,002
1993	1,004	486	518	8	3	5	1,012
1994	951	471	430	8	4	4	959

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: ALLEGHENY COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	30,124	14,929	15,195	3,257	1,591	1,666	33,381
1972	31,137	15,672	15,465	3,454	1,719	1,735	34,591
1973	31,203	15,813	15,390	3,559	1,786	1,773	34,762
1974	30,656	15,578	15,078	3,597	1,817	1,780	34,253
1975	30,275	15,379	14,896	3,603	1,826	1,777	33,878
1976	30,015	15,242	14,773	3,634	1,830	1,804	33,649
1977	29,654	15,045	14,609	3,662	1,834	1,828	33,316
1978	28,880	24,679	14,201	3,661	1,819	1,842	32,541
1979	27,623	14,046	13,577	3,643	1,809	1,834	31,266
1980	26,186	13,331	12,855	3,577	1,767	1,810	29,763
1981	25,038	12,755	12,283	3,527	1,743	1,784	28,565
1982	24,009	12,246	11,763	3,411	1,685	1,726	27,420
1983	22,867	11,665	11,202	3,205	1,602	1,603	26,072
1984	21,511	10,982	10,529	2,953	1,482	1,471	24,464
1985	20,181	10,271	9,910	2,749	1,386	1,363	22,930
1986	19,253	9,748	9,505	2,611	1,310	1,301	21,864
1987	18,739	9,474	9,265	2,498	1,262	1,236	21,237
1988	18,520	9,299	9,221	2,278	1,188	1,090	20,798
1989	16,829	8,554	8,275	2,587	1,352	1,235	19,416
1990	14,490	7,276	7,214	2,370	1,241	1,129	16,860
1991	13,045	6,568	6,477	2,153	1,108	1,045	15,198
1992	12,737	6,472	6,265	2,043	1,028	1,015	14,780
1993	12,546	6,331	6,215	2,186	1,140	1,046	14,732
1994	12,408	6,278	6,130	2,221	1,112	1,109	14,629

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: ARMSTRONG COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,620	794	826	22	9	13	1,642
1972	1,689	847	842	25	11	14	1,714
1973	1,685	862	823	26	12	14	1,711
1974	1,654	855	799	24	11	13	1,678
1975	1,630	852	778	21	9	12	1,651
1976	1,615	844	771	17	7	10	1,632
1977	1,588	830	758	14	6	8	1,602
1978	1,548	801	747	11	6	5	1,559
1979	1,485	769	716	11	6	5	1,496
1980	1,420	724	696	10	6	4	1,430
1981	1,368	694	674	10	5	5	1,378
1982	1,324	666	658	9	4	5	1,333
1983	1,269	642	627	8	3	5	1,277
1984	1,205	622	583	7	3	4	1,212
1985	1,152	596	556	9	4	5	1,161
1986	1,117	584	533	10	5	5	1,127
1987	1,129	589	540	12	8	4	1,141
1988	1,210	603	607	10	7	3	1,220
1989	1,233	620	613	11	5	6	1,244
1990	1,115	542	573	10	5	5	1,125
1991	1,042	549	493	14	9	5	1,056
1992	1,025	518	507	10	6	4	1,035
1993	1,035	524	511	15	9	6	1,050
1994	1,007	489	518	8	5	3	1,015

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BEAVER COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	4,236	2,114	2,122	295	149	146	4,531
1972	4,439	2,236	2,203	317	166	151	4,756
1973	4,460	2,248	2,212	331	176	155	4,791
1974	4,393	2,206	2,187	333	180	153	4,726
1975	4,384	2,203	2,181	341	187	154	4,725
1976	4,424	2,230	2,194	345	184	161	4,769
1977	4,437	2,243	2,194	345	180	165	4,782
1978	4,358	2,206	2,152	331	167	164	4,689
1979	4,171	2,117	2,054	315	158	157	4,486
1980	3,995	2,047	1,948	309	151	158	4,304
1981	3,855	1,993	1,862	303	146	157	4,158
1982	3,746	1,934	1,812	287	138	149	4,033
1983	3,598	1,847	1,751	267	131	136	3,865
1984	3,435	1,742	1,693	249	127	122	3,684
1985	3,259	1,661	1,598	241	123	118	3,500
1986	3,163	1,616	1,547	227	116	111	3,390
1987	3,180	1,585	1,595	221	111	110	3,401
1988	3,246	1,552	1,694	205	112	93	3,451
1989	3,211	1,603	1,611	224	126	98	3,435
1990	2,892	1,445	1,447	245	125	120	3,137
1991	2,561	1,226	1,335	211	114	97	2,772
1992	2,593	1,314	1,279	170	93	77	2,763
1993	2,735	1,294	1,441	187	107	80	2,922
1994	2,604	1,245	1,359	202	108	94	2,806

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BEDFORD COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	848	422	426	3	1	2	851
1972	914	451	463	3	1	2	917
1973	958	477	481	2	1	1	960
1974	961	485	476	2	1	1	963
1975	972	499	473	3	2	1	975
1976	955	491	464	3	2	1	958
1977	948	485	463	4	3	1	952
1978	933	473	460	4	3	1	937
1979	930	465	465	4	3	1	934
1980	909	451	458	3	2	1	912
1981	893	448	445	3	2	1	896
1982	867	442	425	3	2	1	870
1983	824	422	402	3	3	0	827
1984	771	401	370	2	2	0	773
1985	733	380	353	2	2	0	735
1986	714	366	348	2	2	0	716
1987	716	386	330	5	4	1	721
1988	742	421	321	12	12	0	754
1989	783	434	349	9	9	0	792
1990	708	400	308	6	6	0	714
1991	634	334	300	4	3	1	638
1992	662	343	319	10	9	1	672
1993	600	340	260	4	3	1	604
1994	584	328	256	3	3	0	587

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BERKS COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	5,529	2,689	2,840	166	85	81	5,695
1972	5,639	2,830	2,809	169	85	84	5,808
1973	5,718	2,909	2,809	176	88	88	5,894
1974	5,753	2,935	2,818	187	97	90	5,940
1975	5,803	2,966	2,837	198	104	94	6,001
1976	5,857	3,010	2,847	209	106	103	6,066
1977	5,940	3,077	2,863	214	103	111	6,154
1978	5,998	3,123	2,875	221	104	117	6,219
1979	6,023	3,139	2,884	224	107	117	6,247
1980	5,988	3,117	2,871	228	108	120	6,216
1981	5,967	3,098	2,869	227	109	118	6,194
1982	5,883	3,042	2,841	231	114	117	6,114
1983	5,697	2,924	2,773	218	111	107	5,915
1984	5,441	2,775	2,666	197	99	98	5,638
1985	5,202	2,653	2,549	170	85	85	5,372
1986	5,051	2,593	2,458	144	73	71	5,195
1987	5,113	2,720	2,393	123	60	63	5,236
1988	5,191	2,900	2,291	93	33	60	5,284
1989	4,907	2,603	2,304	140	61	79	5,047
1990	4,603	2,481	2,122	122	45	77	4,725
1991	4,465	2,402	2,063	114	43	71	4,579
1992	4,237	2,218	2,019	106	43	63	4,343
1993	4,163	2,217	1,946	135	58	77	4,298
1994	4,151	2,188	1,963	150	59	91	4,301

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BLAIR COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	2,786	1,386	1,400	22	10	12	2,808
1972	2,870	1,442	1,428	24	11	13	2,894
1973	2,862	1,447	1,415	25	12	13	2,887
1974	2,805	1,431	1,374	26	13	13	2,831
1975	2,777	1,427	1,350	27	14	13	2,804
1976	2,770	1,436	1,334	25	14	11	2,795
1977	2,755	1,431	1,324	21	12	9	2,776
1978	2,732	1,420	1,312	18	10	8	2,750
1979	2,684	1,386	1,298	15	8	7	2,699
1980	2,622	1,346	1,276	15	8	7	2,637
1981	2,568	1,314	1,254	15	8	7	2,583
1982	2,514	1,287	1,227	15	8	7	2,529
1983	2,402	1,228	1,174	14	7	7	2,416
1984	2,289	1,163	1,126	13	6	7	2,302
1985	2,184	1,108	1,076	13	5	8	2,197
1986	2,145	1,078	1,067	12	5	7	2,157
1987	2,148	1,078	1,070	13	6	7	2,161
1988	2,116	1,042	1,074	14	8	6	2,130
1989	2,239	1,158	1,081	18	9	9	2,257
1990	1,906	981	925	19	14	5	1,925
1991	1,746	866	880	14	9	5	1,760
1992	1,872	949	923	14	10	4	18,86
1993	1,747	905	842	9	6	3	1,756
1994	1,771	883	888	14	9	5	1,785

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BRADFORD COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,160	590	570	0	0	0	1,160
1972	1,265	646	619	1	1	0	1,266
1973	1,313	672	641	1	1	0	1,314
1974	1,315	669	646	1	1	0	1,316
1975	1,323	677	646	2	2	0	1,325
1976	1,356	693	663	2	2	0	1,358
1977	1,396	717	679	2	2	0	1,398
1978	1,436	734	702	1	1	0	1,437
1979	1,435	733	702	1	1	0	1,436
1980	1,422	720	702	1	1	0	1,423
1981	1,410	706	704	1	1	0	1,411
1982	1,390	690	700	1	1	0	1,391
1983	1,333	670	663	2	1	1	1,335
1984	1,242	625	617	1	1	0	1,243
1985	1,179	603	576	2	1	1	1,181
1986	1,170	601	569	2	1	1	1,172
1987	1,255	638	617	5	4	1	1,260
1988	1,455	709	746	2	2	0	1,457
1989	1,346	649	697	1	0	1	1,347
1990	1,191	591	600	8	7	1	1,199
1991	1,205	586	619	8	7	1	1,213
1992	1,174	562	612	7	7	0	1,184
1993	1,147	552	595	15	14	1	1,162
1994	1,161	582	579	14	14	0	1,175

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BUCKS COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	8,750	4,515	4,235	211	110	101	8,971
1972	9,672	5,025	4,647	251	137	114	9,923
1973	10,302	5,353	4,949	281	158	123	10,583
1974	10,639	5,520	5,119	297	169	128	10,936
1975	10,951	5,657	5,294	306	170	136	11,257
1976	11,228	5,788	5,440	306	166	140	11,534
1977	11,449	5,881	5,568	304	164	140	11,753
1978	11,614	5,953	5,661	300	165	135	11,914
1979	11,684	5,988	5,696	303	171	132	11,987
1980	11,762	6,038	5,724	301	169	132	12,063
1981	11,899	6,133	5,766	305	171	134	12,204
1982	11,920	6,133	5,787	311	172	139	12,231
1983	11,788	6,061	5,727	314	171	143	12,102
1984	11,637	5,970	5,667	308	163	145	11,945
1985	11,519	5,911	5,608	312	164	148	11,831
1986	11,677	5,984	5,693	299	154	145	11,976
1987	11,958	6,069	5,889	273	133	140	12,231
1988	12,378	6,209	6,169	212	93	119	12,590
1989	11,764	5,910	5,854	309	145	164	12,073
1990	10,490	5,362	5,128	275	131	144	10,765
1991	10,319	5,289	5,030	262	122	140	10,581
1992	10,447	5,405	5,042	330	158	172	10,777
1993	9,936	5,139	4,797	341	145	196	10,277
1994	9,825	5,069	4,756	371	154	217	10,196

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: BUTLER COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,974	1,482	1,492	11	5	6	2,985
1972	2,973	1,511	1,462	8	3	5	2,981
1973	2,949	1,515	1,434	7	3	4	2,956
1974	2,960	1,521	1,439	8	3	5	2,968
1975	3,005	1,548	1,457	8	3	5	3,013
1976	3,073	1,576	1,497	8	3	5	3,081
1977	3,116	1,593	1,523	9	3	6	3,125
1978	3,110	1,582	1,528	9	3	6	3,119
1979	3,068	1,565	1,503	8	3	5	3,076
1980	3,009	1,541	1,468	7	3	4	3,016
1981	2,966	1,527	1,439	7	3	4	2,973
1982	2,930	1,511	1,419	8	4	4	2,938
1983	2,893	1,501	1,392	8	4	4	2,901
1984	2,823	1,457	1,366	8	3	5	2,831
1985	2,737	1,406	1,331	7	2	5	2,744
1986	2,650	1,326	1,324	6	1	5	2,656
1987	2,648	1,337	1,311	4	1	3	2,652
1988	2,696	1,383	1,313	8	1	7	2,704
1989	2,621	1,363	1,258	4	1	3	2,625
1990	2,427	1,278	1,149	9	3	6	2,436
1991	2,397	1,224	1,173	4	1	3	2,401
1992	2,232	1,165	1,067	9	2	7	2,241
1993	2,336	1,199	1,136	11	1	10	2,347
1994	2,378	1,221	1,157	11	1	10	2,389

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CAMBRIA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	4,339	2,161	2,178	108	50	58	4,447
1972	4,456	2,273	2,183	116	56	60	4,572
1973	4,455	2,297	2,158	123	64	59	4,578
1974	4,377	2,244	2,133	124	69	55	4,501
1975	4,293	2,194	2,099	127	73	54	4,420
1976	4,161	2,118	2,043	119	70	49	4,280
1977	3,982	2,048	1,934	116	69	47	4,098
1978	3,778	1,958	1,820	111	68	43	3,889
1979	3,564	1,854	1,710	109	66	43	3,673
1980	3,356	1,737	1,619	98	58	40	3,454
1981	3,214	1,666	1,548	86	47	39	3,300
1982	3,093	1,596	1,497	79	42	37	3,172
1983	2,982	1,535	1,447	77	40	37	3,059
1984	2,826	1,436	1,390	78	42	36	2,904
1985	2,720	1,378	1,342	77	42	35	2,797
1986	2,606	1,329	1,277	74	43	31	2,680
1987	2,600	1,356	1,244	73	42	31	2,673
1988	2,568	1,341	1,227	68	42	26	2,636
1989	2,653	1,378	1,275	90	55	35	2,743
1990	2,485	1,323	1,162	85	49	36	2,570
1991	2,358	1,222	1,136	86	45	41	2,444
1992	2,372	1,217	1,155	61	37	24	2,433
1993	2,381	1,240	1,141	72	43	29	2,453
1994	2,295	1,167	1,128	91	63	28	2,386

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CAMERON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	145	71	74	0	0	0	145
1972	160	77	83	0	0	0	160
1973	162	77	85	0	0	0	162
1974	153	73	80	0	0	0	153
1975	145	68	77	0	0	0	145
1976	142	67	75	0	0	0	142
1977	143	68	75	0	0	0	143
1978	141	69	72	0	0	0	141
1979	137	66	71	0	0	0	137
1980	131	63	68	0	0	0	131
1981	128	60	68	1	1	0	129
1982	127	58	69	0	0	0	127
1983	121	54	67	0	0	0	121
1984	116	53	63	0	0	0	116
1985	110	53	57	0	0	0	110
1986	111	52	59	0	0	0	111
1987	113	47	66	0	0	0	113
1988	112	32	80	2	2	0	114
1989	129	47	82	2	2	0	131
1990	94	53	41	0	0	0	94
1991	85	35	50	0	0	0	85
1992	72	36	36	2	2	0	74
1993	78	30	48	0	0	0	78
1994	71	30	41	0	0	0	71

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CARBON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	962	502	460	8	8	0	970
1972	1,024	542	482	10	10	0	1,034
1973	1,033	540	493	11	10	1	1,044
1974	1,013	517	496	8	7	1	1,021
1975	1,007	508	499	6	5	1	1,013
1976	996	504	492	3	3	0	999
1977	981	497	484	5	4	1	986
1978	949	476	473	5	4	1	954
1979	920	457	463	7	6	1	927
1980	892	447	445	9	7	2	901
1981	890	452	438	11	10	1	901
1982	884	455	429	12	11	1	896
1983	875	450	425	12	11	1	887
1984	845	434	411	9	8	1	854
1985	820	423	397	6	5	1	826
1986	808	408	400	6	6	0	814
1987	834	405	429	2	2	0	836
1988	858	376	482	1	1	0	859
1989	769	355	414	4	0	4	773
1990	788	347	441	2	1	1	790
1991	730	316	414	8	2	6	738
1992	721	352	369	2	2	0	723
1993	711	327	384	4	3	1	715
1994	660	307	353	5	1	4	665

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CENTRE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,877	1,567	1,310	113	72	41	2,990
1972	2,136	1,130	1,006	58	39	19	2,194
1973	1,827	956	871	14	10	4	1,841
1974	1,804	940	864	9	6	3	1,813
1975	1,812	950	862	9	6	3	1,821
1976	1,825	953	872	8	5	3	1,833
1977	1,851	964	887	7	4	3	1,858
1978	1,877	968	909	7	4	3	1,884
1979	1,884	966	918	8	5	3	1,892
1980	1,891	965	926	8	5	3	1,899
1981	1,893	962	931	6	3	3	1,899
1982	1,869	950	919	6	3	3	1,877
1983	1,817	929	888	6	3	3	1,823
1984	1,758	909	849	6	4	2	1,764
1985	1,724	894	830	8	6	2	1,732
1986	1,741	899	842	8	5	3	1,749
1987	1,794	927	867	8	5	3	1,802
1988	1,888	1,007	881	7	5	2	1,895
1989	1,796	949	847	12	8	4	1,808
1990	1,562	818	744	15	10	5	1,567
1991	1,369	743	626	14	10	4	1,383
1992	1,284	728	556	11	7	4	1,295
1993	1,213	672	541	13	8	5	1,226
1994	1,209	687	522	11	7	4	1,220

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CHESTER COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	5,649	2,792	2,857	642	314	328	6,291
1972	5,964	3,020	2,944	591	289	302	6,555
1973	6,264	3,215	3,049	575	282	293	6,841
1974	6,506	3,363	3,143	582	288	294	7,088
1975	6,750	3,486	3,264	578	293	285	7,328
1976	6,994	3,601	3,393	576	293	283	7,570
1977	7,235	3,703	3,532	577	297	280	7,812
1978	7,396	3,789	3,607	565	289	276	7,961
1979	7,457	3,814	3,643	544	278	266	8,001
1980	7,471	3,820	3,651	511	253	258	7,982
1981	7,484	3,810	3,674	494	238	256	7,978
1982	7,429	3,770	3,659	478	229	249	7,907
1983	7,222	3,668	3,554	460	220	240	7,682
1984	7,002	3,565	3,437	446	203	223	7,428
1985	6,715	3,428	3,287	397	191	206	7,112
1986	6,594	3,396	3,198	358	170	188	6,952
1987	6,513	3,372	3,141	309	144	165	6,822
1988	6,506	3,383	3,123	251	109	142	6,757
1989	6,152	3,218	2,934	344	152	192	6,496
1990	5,752	3,052	2,700	267	123	144	6,019
1991	5,562	2,796	2,766	275	133	142	5,837
1992	5,729	2,929	2,800	270	131	139	5,999
1993	5,509	2,924	2,585	282	120	162	5,791
1994	5,488	2,841	2,647	281	127	154	5,769

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CLARION COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,010	484	526	2	0	2	1,012
1972	915	459	456	1	0	1	916
1973	837	431	406	0	0	0	837
1974	826	424	402	0	0	0	826
1975	810	412	398	0	0	0	810
1976	818	415	403	0	0	0	818
1977	814	412	402	0	0	0	814
1978	807	414	393	0	0	0	807
1979	775	397	378	0	0	0	775
1980	759	387	372	0	0	0	759
1981	739	366	373	0	0	0	739
1982	721	354	367	0	0	0	721
1983	697	343	354	0	0	0	697
1984	671	335	336	0	0	0	671
1985	632	320	312	0	0	0	632
1986	613	312	301	0	0	0	613
1987	650	327	323	0	0	0	650
1988	746	368	378	0	0	0	746
1989	756	380	376	0	0	0	756
1990	650	340	310	0	0	0	650
1991	625	334	291	0	0	0	625
1992	604	321	283	0	0	0	604
1993	596	309	287	0	0	0	596
1994	605	317	288	0	0	0	605

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CLEARFIELD COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1.482	754	728	4	2	2	1,492
1972	1,557	799	758	3	2	1	1,560
1973	1,565	806	759	4	3	1	1,569
1974	1,561	800	761	4	3	1	1,565
1975	1,559	801	758	4	3	1	1,563
1976	1,563	803	760	4	3	1	1,567
1977	1,549	806	743	2	2	0	1,551
1978	1,523	793	730	1	1	0	1,524
1979	1,478	771	707	1	1	0	1,479
1980	1,440	746	694	1	1	0	1,441
1981	1,395	720	675	1	1	0	1,396
1982	1,350	689	661	1	1	0	1,351
1983	1,305	656	649	2	1	1	1,307
1984	1,245	635	610	1	1	0	1,246
1985	1,187	604	583	0	0	0	1,187
1986	1,157	596	561	0	0	0	1,157
1987	1,145	568	577	1	1	0	1,146
1988	1,154	556	598	1	1	0	1,155
1989	1,162	602	560	0	0	0	1,162
1990	1,089	561	528	3	3	0	1,092
1991	1,088	536	552	2	2	0	1,090
1992	1,034	504	530	1	1	0	1,035
1993	1,022	507	515	3	3	0	1,025
1994	992	474	518	2	2	0	994

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CLINTON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	871	430	441	5	2	3	876
1972	827	414	413	3	1	2	830
1973	809	414	395	2	1	1	811
1974	813	408	405	1	1	0	814
1975	814	414	400	1	1	0	815
1976	817	418	399	1	1	0	818
1977	810	426	384	1	1	0	811
1978	795	423	372	1	1	0	796
1979	767	411	356	1	1	0	768
1980	743	395	348	1	1	0	744
1981	719	378	341	1	1	0	720
1982	689	361	328	0	0	0	689
1983	655	341	314	0	0	0	655
1984	616	320	296	0	0	0	616
1985	589	306	281	0	0	0	587
1986	571	289	282	0	0	0	571
1987	574	278	296	0	0	0	574
1988	574	238	336	0	0	0	574
1989	573	271	302	1	1	0	574
1990	526	235	291	1	1	0	536
1991	521	255	266	0	0	0	521
1992	486	250	236	0	0	0	486
1993	491	238	253	0	0	0	491
1994	453	213	240	1	1	0	454

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: COLUMBIA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,283	638	645	5	2	3	1,288
1972	1,206	610	596	3	1	2	1,209
1973	1,156	583	573	2	1	1	1,158
1974	1,145	574	571	1	0	1	1,146
1975	1,142	571	571	2	1	1	1,144
1976	1,145	575	570	2	1	1	1,147
1977	1,140	574	566	1	1	0	1,141
1978	1,124	560	564	1	1	0	1,125
1979	1,095	540	555	2	2	0	1,097
1980	1,070	525	545	2	1	1	1,072
1981	1,052	524	528	1	1	0	1,053
1982	1,030	516	514	1	1	0	1,031
1983	1,005	512	493	1	1	0	1,006
1984	976	496	480	1	1	0	977
1985	943	481	462	0	0	0	943
1986	922	463	459	0	0	0	922
1987	934	464	470	0	0	0	934
1988	897	422	475	1	1	0	898
1989	897	448	449	1	1	0	898
1990	795	368	427	1	1	0	796
1991	795	398	397	1	1	0	796
1992	834	412	422	1	1	0	835
1993	736	350	386	0	0	0	736
1994	736	346	390	0	0	0	736

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CRAWFORD COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,791	918	873	27	13	14	1,818
1972	1,787	916	871	29	15	14	1,816
1973	1,751	899	852	20	15	14	1,780
1974	1,716	886	830	28	15	13	1,744
1975	1,714	883	831	26	13	13	1,740
1976	1,740	891	849	23	11	12	1,763
1977	1,756	896	860	24	11	13	1,780
1978	1,762	901	861	24	11	13	1,786
1979	1,728	890	838	25	12	13	1,753
1980	1,699	872	827	26	13	13	1,725
1981	1,674	361	813	27	14	13	1,701
1982	1,673	855	818	28	14	14	1,701
1983	1,663	847	816	28	13	15	1,691
1984	1,636	835	801	27	12	15	1,663
1985	1,577	815	762	25	11	14	1,602
1986	1,573	813	760	24	10	14	1,597
1987	1,576	797	779	36	18	18	1,612
1988	1,641	808	833	61	33	28	1,702
1989	1,612	813	799	47	29	18	1,659
1990	1,582	787	795	41	17	24	1,623
1991	1,394	695	699	63	25	38	1,457
1992	1,462	717	745	40	22	18	1,502
1993	1,375	660	715	42	16	26	1,417
1994	1,425	744	681	46	22	24	1,471

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: CUMBERLAND COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	3,722	1,867	1,855	171	157	14	3,893
1972	3,697	1,874	1,823	144	131	13	3,841
1973	3,659	1,855	1,804	93	80	13	3,752
1974	3,684	1,865	1,819	49	36	13	3,733
1975	3,773	1,882	1,851	32	19	13	3,805
1976	3,810	1,922	1,888	26	15	11	3,836
1977	3,892	1,968	1,924	27	17	10	3,919
1978	3,940	1,996	1,944	28	18	10	3,968
1979	3,942	2,006	1,936	28	18	10	3,970
1980	3,929	2,010	1,919	28	17	11	3,957
1981	3,934	2,021	1,913	30	19	11	3,964
1982	3,926	2,015	1,911	31	20	11	3,957
1983	3,815	1,977	1,838	30	19	11	3,845
1984	3,679	1,926	1,753	24	16	8	3,703
1985	3,553	1,855	1,698	19	13	6	3,572
1986	3,517	1,820	1,697	14	10	4	3,531
1987	3,592	1,836	1,756	9	5	4	3,601
1988	3,816	1,963	1,853	5	2	3	3,821
1989	3,669	1,964	1,705	9	2	7	3,678
1990	3,286	1,747	1,539	9	3	6	3,295
1991	3,219	1,683	1,536	12	4	8	3,231
1992	3,122	1,654	1,468	8	3	5	3,130
1993	2,941	1,558	1,383	10	3	7	2,951
1994	3,002	1,558	1,444	11	5	6	3,013

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: DAUPHIN COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	3,738	1,858	1,880	607	288	319	4,345
1972	3,900	1,988	1,912	626	307	319	4,526
1973	3,950	2,028	1,922	641	317	324	4,591
1974	3,899	1,998	1,901	654	324	330	4,553
1975	3,861	1,974	1,887	681	346	335	4,542
1976	3,840	1,963	1,877	711	365	346	4,551
1977	3,814	1,959	1,855	743	383	360	4,557
1978	3,756	1,936	1,820	759	387	372	4,515
1979	3,666	1,894	1,772	770	395	375	4,436
1980	3,546	1,822	1,724	766	393	373	4,312
1981	3,435	1,761	1,674	755	384	371	4,190
1982	3,260	1,665	1,595	739	366	373	3,999
1983	3,031	1,537	1,494	702	345	357	3,733
1984	2,794	1,406	1,388	668	329	339	3,462
1985	2,624	1,331	1,293	650	325	325	3,274
1986	2,528	1,292	1,236	632	313	319	3,160
1987	2,548	1,344	1,204	609	308	301	3,157
1988	2,598	1,400	1,198	539	263	276	3,137
1989	2,555	1,336	1,219	721	350	371	3,276
1990	2,293	1,205	1,088	672	331	341	2,965
1991	2,278	1,212	1,066	600	302	298	2,878
1992	2,210	1,145	1,065	525	242	283	2,735
1993	2,092	1,044	1,048	558	262	296	2,650
1994	2,084	1,046	1,038	605	290	315	2,680

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: DELAWARE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	11,832	6,121	5,711	1,056	525	531	12,888
1972	12,440	6,386	6,054	1,134	574	560	13,574
1973	12,713	6,515	6,198	1,186	604	582	13,899
1974	12,673	6,512	6,161	1,198	611	587	13,871
1975	12,588	6,471	6,117	1,177	590	587	13,765
1976	12,474	6,403	6,071	1,171	579	592	13,645
1977	12,339	6,331	6,008	1,167	573	594	13,506
1978	12,117	6,229	5,888	1,172	583	589	13,289
1979	11,803	6,076	5,727	1,145	582	563	12,948
1980	11,484	5,912	5,572	1,095	560	535	12,579
1981	11,212	5,762	5,450	1,065	544	521	12,277
1982	10,881	5,582	5,299	1,034	526	508	11,915
1983	10,384	5,312	5,072	995	503	492	11,379
1984	9,830	5,019	4,811	918	471	447	10,748
1985	9,280	4,742	4,538	842	430	412	10,122
1986	8,913	4,540	4,373	808	408	400	9,721
1987	8,798	4,479	4,319	754	379	375	9,552
1988	8,928	4,508	4,420	683	357	326	9,611
1989	7,806	4,002	3,804	842	466	376	8,648
1990	6,765	3,525	3,240	699	351	348	7,464
1991	6,405	3,264	3,141	720	378	342	7,125
1992	6,299	3,243	3,056	633	333	300	6,932
1993	6,152	3,060	3,092	724	385	339	6,876
1994	6,127	3,202	2,925	761	416	345	6,888

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: ELK COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	751	378	373	0	0	0	751
1972	813	411	402	0	0	0	813
1973	835	421	414	0	0	0	835
1974	840	416	424	0	0	0	840
1975	861	428	433	0	0	0	861
1976	886	445	441	0	0	0	886
1977	900	461	439	0	0	0	900
1978	894	460	434	0	0	0	894
1979	871	446	425	0	0	0	871
1980	846	430	416	0	0	0	846
1981	833	420	413	0	0	0	833
1982	816	404	412	0	0	0	816
1983	796	393	403	0	0	0	796
1984	770	376	394	0	0	0	770
1985	744	362	382	0	0	0	744
1986	711	342	369	0	0	0	711
1987	660	316	344	0	0	0	660
1988	609	292	317	0	0	0	609
1989	628	304	324	0	0	0	628
1990	548	280	268	0	0	0	548
1991	517	255	262	0	0	0	517
1992	503	224	279	0	0	0	503
1993	487	232	255	0	0	0	487
1994	462	233	229	0	0	0	462

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: ERIE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	5,842	2,848	2,994	233	108	125	6,075
1972	5,893	2,936	2,957	241	114	127	6,134
1973	5,866	2,953	2,913	243	115	128	6,109
1974	5,826	2,950	2,876	244	116	128	6,070
1975	5,780	2,937	2,843	243	117	126	6,023
1976	5,768	2,937	2,831	249	120	129	6,017
1977	5,728	2,922	2,806	264	127	137	5,992
1978	5,640	2,893	2,747	281	133	148	5,921
1979	5,507	2,834	2,673	285	136	149	5,792
1980	5,420	2,786	2,634	283	133	150	5,703
1981	5,356	2,723	2,633	276	128	148	5,632
1982	5,270	2,665	2,605	281	130	151	5,551
1983	5,098	2,580	2,518	283	130	153	5,381
1984	4,878	2,470	2,408	281	127	154	5,159
1985	4,721	2,386	2,335	274	126	148	4,995
1986	4,626	2,342	2,284	257	125	132	4,883
1987	4,512	2,250	2,262	231	120	111	4,743
1988	4,335	2,126	2,209	189	105	84	4,524
1989	4,609	2,306	2,303	268	131	137	4,877
1990	4,118	2,099	2,019	249	127	122	4,367
1991	3,882	1,889	1,993	249	133	116	4,131
1992	3,759	1,886	1,873	244	139	105	4,003
1993	3,868	1,898	1,970	277	146	131	4,145
1994	3,746	1,870	1,876	312	166	146	4,058

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: FAYETTE COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	3,118	1,564	1,554	188	97	91	3,306
1972	3,257	1,643	1,614	197	103	94	3,454
1973	3,252	1,651	1,601	197	102	95	3,449
1974	3,166	1,613	1,553	188	96	92	3,354
1975	3,109	1,596	1,513	180	89	91	3,289
1976	3,077	1,586	1,491	170	83	87	3,247
1977	3,018	1,545	1,473	165	82	83	3,183
1978	2,931	1,481	1,450	162	82	80	3,093
1979	2,814	1,408	1,406	162	80	82	2,976
1980	2,690	1,350	1,340	158	79	79	2,848
1981	2,604	1,321	1,283	151	78	73	2,755
1982	2,546	1,301	1,245	144	77	67	2,690
1983	2,470	1,256	1,214	140	77	63	2,610
1984	2,378	1,202	1,176	135	72	63	2,513
1985	2,273	1,150	1,123	128	68	60	2,401
1986	2,213	1,129	1,084	118	64	54	2,331
1987	2,231	1,113	1,118	119	71	48	2,350
1988	2,325	1,138	1,187	110	67	43	2,435
1989	2,333	1,141	1,192	118	67	51	2,451
1990	2,156	1,081	1,075	115	67	48	2,271
1991	1,988	974	1,014	124	62	62	2,112
1992	1,934	970	964	115	62	53	2,049
1993	1,845	930	915	72	46	26	1,917
1994	1,895	942	953	94	57	37	1,989

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: FOREST COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	94	49	45	0	0	0	94
1972	108	55	53	0	0	0	108
1973	111	53	58	0	0	0	111
1974	109	49	60	0	0	0	109
1975	106	47	59	0	0	0	106
1976	108	49	59	0	0	0	108
1977	110	51	59	0	0	0	110
1978	108	54	54	0	0	0	108
1979	109	59	50	0	0	0	109
1980	111	63	48	0	0	0	111
1981	123	69	54	0	0	0	123
1982	126	70	56	0	0	0	126
1983	123	68	55	0	0	0	123
1984	114	62	52	0	0	0	114
1985	107	56	51	0	0	0	107
1986	101	49	52	0	0	0	101
1987	83	44	39	0	0	0	83
1988	47	21	26	0	0	0	47
1989	69	21	48	0	0	0	69
1990	61	23	38	0	0	0	61
1991	71	32	39	0	0	0	71
1992	73	29	44	1	0	1	73
1993	56	24	32	1	0	1	56
1994	53	20	33	0	0	0	53

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: FRANKLIN COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,162	1,054	1,108	44	22	22	2,206
1972	2,217	1,111	1,106	45	23	22	2,262
1973	2,226	1,130	1,096	46	24	22	2,272
1974	2,208	1,126	1,082	48	26	22	2,256
1975	2,197	1,124	1,073	51	28	23	2,248
1976	2,188	1,117	1,071	52	29	23	2,240
1977	2,203	1,128	1,075	52	27	25	2,255
1978	2,227	1,138	1,089	51	25	26	2,278
1979	2,242	1,154	1,088	50	22	28	2,292
1980	2,268	1,171	1,097	40	22	18	2,308
1981	2,294	1,183	1,111	40	22	18	2,334
1982	2,292	1,174	1,118	43	24	19	2,335
1983	2,220	1,135	1,085	42	24	18	2,262
1984	2,134	1,088	1,046	39	23	16	2,173
1985	2,056	1,043	1,013	38	23	15	2,094
1986	2,011	1,007	1,004	39	25	14	2.050
1987	2,048	1,015	1,033	44	28	16	2,092
1988	2,153	1,096	1,057	29	18	11	2,182
1989	2,109	1,174	973	39	20	19	2,148
1990	1,977	1,042	935	35	24	11	2,012
1991	1,835	1,004	831	31	15	16	1,866
1992	1,841	961	880	23	10	13	1,864
1993	1,817	921	896	30	19	11	1,847
1994	1,741	878	863	35	18	17	1,776

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: FULTON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	219	108	111	2	1	1	221
1972	231	117	114	2	1	1	233
1973	237	121	116	2	1	1	239
1974	239	124	115	1	1	0	240
1975	243	124	119	2	1	1	245
1976	242	126	116	2	1	1	244
1977	233	123	110	2	1	1	235
1978	224	119	105	2	1	1	226
1979	219	115	104	2	1	1	221
1980	218	114	104	2	1	1	220
1981	219	113	106	2	1	1	221
1982	225	116	109	2	1	1	227
1983	223	115	108	2	1	1	225
1984	221	112	109	1	1	0	222
1985	218	114	104	1	1	0	219
1986	209	111	98	0	0	0	209
1987	203	105	98	0	0	0	203
1988	189	108	81	0	0	0	189
1989	202	117	85	0	0	0	202
1990	204	93	111	0	0	0	204
1991	210	103	107	0	0	0	210
1992	196	93	103	0	0	0	196
1993	186	89	97	0	0	0	186
1994	205	98	107	0	0	0	205

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: GREENE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	858	431	427	14	4	10	872
1972	854	421	433	18	5	13	872
1973	835	406	429	24	6	18	859
1974	807	395	412	25	6	19	832
1975	783	384	399	23	6	17	806
1976	749	370	379	16	5	11	765
1977	718	356	362	10	4	6	728
1978	693	350	343	8	3	5	701
1979	679	350	329	7	2	5	686
1980	662	353	309	6	1	5	668
1981	650	346	304	4	0	4	654
1982	654	341	313	4	1	3	658
1983	653	331	322	3	2	1	656
1984	635	319	316	4	3	1	639
1985	621	302	319	4	3	1	625
1986	621	297	324	4	2	2	625
1987	615	297	318	5	2	3	620
1988	621	299	322	4	1	3	625
1989	677	329	348	5	2	3	682
1990	682	313	369	5	2	3	687
1991	667	296	371	4	2	2	671
1992	635	331	304	5	1	4	640
1993	607	276	331	3	1	2	610
1994	643	312	331	6	3	3	649

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: HUNTINGDON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	852	434	418	24	14	10	876
1972	850	432	418	26	15	11	876
1973	827	425	405	24	14	10	851
1974	814	411	403	21	11	10	835
1975	800	406	394	19	9	10	819
1976	803	406	397	20	9	11	823
1977	800	414	386	19	10	9	819
1978	789	411	378	20	10	10	809
1979	767	403	363	19	9	10	786
1980	754	389	365	19	8	11	773
1981	751	378	373	19	7	12	770
1982	738	364	374	18	6	12	756
1983	711	350	361	16	5	11	717
1984	670	331	339	12	4	8	682
1985	641	325	316	10	3	7	651
1986	642	334	308	9	3	6	651
1987	656	342	314	9	4	5	665
1988	693	362	331	6	4	2	699
1989	691	323	368	13	11	3	704
1990	634	323	311	11	10	1	645
1991	549	290	259	6	3	3	555
1992	541	268	273	4	3	1	545
1993	523	276	247	9	5	4	532
1994	550	274	276	9	7	2	559

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: INDIANA COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	2,222	1,040	1,182	11	5	6	2,233
1972	1,898	930	968	11	5	6	1,909
1973	1,701	851	850	10	4	6	1,711
1974	1,688	853	835	11	4	7	1,699
1975	1,671	851	820	10	3	7	1,681
1976	1,673	863	810	10	3	7	1,683
1977	1,683	869	814	9	3	6	1,692
1978	1,687	867	820	8	3	5	1,695
1979	1,664	852	812	8	3	5	1,672
1980	1,624	825	799	7	3	4	1,631
1981	1,573	791	782	9	4	5	1,582
1982	1,527	767	760	10	4	6	1,537
1983	1,481	756	725	10	4	6	1,491
1984	1,430	738	692	12	4	8	1,442
1985	1,404	724	680	14	4	10	1,418
1986	1,372	710	662	16	5	11	1,388
1987	1,415	749	666	20	7	13	1,435
1988	1,442	793	649	28	6	22	1,470
1989	1,461	770	691	22	6	16	1,481
1990	1,376	711	665	15	3	12	1,391
1991	1,266	676	590	21	5	16	1,287
1992	1,260	623	637	18	2	16	1,278
1993	1,242	648	594	17	3	14	1,259
1994	1,375	686	689	20	4	16	1,395

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: JEFFERSON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	905	451	454	1	0	1	906
1972	939	463	476	0	0	0	939
1973	952	470	482	0	0	0	952
1974	949	468	481	0	0	0	949
1975	961	476	485	1	0	1	962
1976	956	470	486	1	0	1	957
1977	942	466	476	1	0	1	943
1978	911	456	455	0	0	0	911
1979	868	442	426	0	0	0	868
1980	822	423	399	0	0	0	822
1981	790	407	383	0	0	0	790
1982	765	392	373	0	0	0	765
1983	725	368	357	0	0	0	725
1984	672	344	328	0	0	0	672
1985	637	324	313	0	0	0	637
1986	617	311	306	0	0	0	617
1987	615	309	306	0	0	0	615
1988	647	311	336	0	0	0	647
1989	637	330	337	0	0	0	637
1990	695	360	335	0	0	0	395
1991	693	362	331	0	0	0	693
1992	644	332	312	0	0	0	644
1993	626	321	305	0	0	0	626
1994	691	354	337	0	0	0	691

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: JUNIATA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	349	174	175	0	0	0	349
1972	377	187	190	0	0	0	377
1973	386	191	195	0	0	0	386
1974	380	190	190	0	0	0	380
1975	378	197	181	0	0	0	378
1976	375	200	175	0	0	0	375
1977	376	202	174	0	0	0	376
1978	374	197	177	0	0	0	374
1979	371	193	178	0	0	0	371
1980	373	195	178	0	0	0	373
1981	373	196	177	0	0	0	373
1982	370	200	170	0	0	0	370
1983	362	191	171	0	0	0	362
1984	345	177	168	0	0	0	345
1985	324	166	158	0	0	0	324
1986	318	159	159	0	0	0	318
1987	315	148	167	0	0	0	315
1988	344	152	192	1	1	0	345
1989	386	188	198	1	1	0	387
1990	354	189	165	1	1	0	355
1991	320	150	170	0	0	0	320
1992	271	128	143	0	0	0	271
1993	325	143	182	0	0	0	325
1994	320	151	169	1	1	0	321

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LACKAWANNA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	4,579	2,343	2,236	27	11	16	4,606
1972	4,639	2,378	2,261	31	14	17	4,670
1973	4,636	2,375	2,261	32	15	17	4,668
1974	4,583	2,331	2,252	31	15	16	4,614
1975	4,560	2,309	2,251	28	14	14	4,588
1976	4,554	2,292	2,262	28	16	12	4,582
1977	4,561	2,290	2,271	29	16	13	4,590
1978	4,504	2,267	2,237	32	18	14	4,536
1979	4,380	2,205	2,175	30	15	15	4,410
1980	4,221	2,132	2,089	26	12	14	4,247
1981	4,092	2,066	2,026	24	10	14	4,116
1982	3,983	2,020	1,963	27	11	16	4,010
1983	3,867	1,962	1,905	27	13	14	3,894
1984	3,762	1,923	1,839	27	14	13	3,789
1985	3,638	1,871	1,767	27	13	14	3,665
1986	3,594	1,863	1,731	26	11	15	3,620
1987	3,619	1,872	1,747	20	8	12	3,639
1988	3,781	1,897	1,884	8	4	4	3,789
1989	3,550	1,768	1,782	16	9	7	3,566
1990	3,131	1,598	1,533	17	7	10	3,148
1991	2,971	1,495	1,476	8	3	5	2,979
1992	3,083	1,508	1,575	16	8	8	3,099
1993	3,028	1,552	1,476	13	6	7	3,041
1994	2,885	1,476	1,409	21	12	9	2,906

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LANCASTER COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	6,808	3,437	3,371	133	70	63	6,941
1972	6,981	3,544	3,437	144	69	75	7,125
1973	7,104	3,600	3,504	159	73	86	7,263
1974	7,170	3,645	3,525	167	75	92	7,337
1975	7,207	3,667	3,540	174	80	94	7,381
1976	7,220	3,688	3,532	184	87	97	7,404
1977	7,274	3,705	3,569	198	99	99	7,472
1978	7,318	3,728	3,590	204	107	97	7,522
1979	7,309	3,708	3,601	198	105	93	7,507
1980	7,278	3,700	3,578	190	97	93	7,468
1981	7,274	3,704	3,570	186	95	91	7,460
1982	7,188	3,672	3,516	190	95	95	7,378
1983	6,964	3,578	3,386	184	94	90	7,148
1984	6,698	3,443	3,255	172	86	86	6,870
1985	6,521	3,362	3,159	161	78	83	6,682
1986	6,524	3,383	3,141	145	69	76	6,669
1987	6,636	3,457	3,179	140	70	70	6,776
1988	7,077	3,686	3,391	103	59	44	7,180
1989	6,858	3,522	3,336	186	111	75	7,044
1990	6,359	3,251	3,108	195	101	94	6,554
1991	6,285	3,214	3,071	190	109	81	6,475
1992	6,441	3,277	3,164	201	122	79	6,642
1993	6,204	3,122	3,082	214	122	92	6,418
1994	6,376	3,253	3,123	220	121	99	6,596

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PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LAWRENCE COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	2,418	1,228	1,190	86	56	30	2,504
1972	2,474	1,272	1,202	94	63	31	2,568
1973	2,455	1,273	1,182	90	57	33	2,545
1974	2,382	1,245	1,137	81	45	36	2,463
1975	2,314	1,212	1,102	78	38	40	2,392
1976	2,246	1,178	1,068	79	38	41	2,325
1977	2,183	1,133	1,050	80	41	39	2,263
1978	2,096	1,080	1,016	77	40	37	2,163
1979	1,981	1,008	973	76	38	38	2,057
1980	1,871	950	921	71	36	35	1,942
1981	1,776	901	875	68	35	33	1,844
1982	1,711	878	833	67	35	32	1,778
1983	1,639	842	797	68	35	33	1,707
1984	1,572	808	764	65	33	32	1,637
1985	1,502	776	726	64	33	31	1,566
1986	1,462	751	711	65	35	30	1,527
1987	1,462	741	721	66	37	29	1,528
1988	1,548	770	778	63	32	31	1,611
1989	1,467	767	700	56	29	27	1,523
1990	1,326	666	660	73	36	37	1,399
1991	1,228	632	596	75	34	41	1,303
1992	1,298	629	669	47	19	28	1,346
1993	1,235	639	596	57	28	29	1,292
1994	1,257	630	627	62	28	34	1,319

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LEBANON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,018	1,024	994	4	3	1	2,022
1972	2,135	1,100	1,035	3	2	1	2,138
1973	2,200	1,139	1,061	3	2	1	2,203
1974	2,202	1,131	1,071	4	2	2	2,206
1975	2,170	1,105	1,065	4	2	2	2,174
1976	2,138	1,080	1,058	4	2	2	2,142
1977	2,118	1,070	1,048	5	3	2	2,123
1978	2,123	1,072	1,051	6	4	2	2,129
1979	2,140	1,088	1,052	6	4	2	2,146
1980	2,150	1,096	1,054	5	3	2	2,155
1981	2,146	1,101	1,045	5	3	2	2,151
1982	2,116	1,077	1,039	3	2	1	2,119
1983	2,022	1,039	938	3	2	1	2,025
1984	1,884	967	916	3	2	1	1,887
1985	1,833	947	886	1	1	0	1,834
1986	1,780	914	866	1	1	0	1,781
1987	1,806	922	884	1	1	0	1,807
1988	1,960	1,028	932	1	1	0	1,961
1989	1,931	1,034	897	2	2	0	1,933
1990	1,905	995	910	1	1	0	1,906
1991	1,816	952	864	1	1	0	1,817
1992	1,851	1,006	845	2	2	0	1,853
1993	1,722	941	781	14	13	1	1,736
1994	1,670	898	772	4	4	0	1,674

PROJECTION OF 18 YEAR OLD-POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LEHIGH COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	4,770	2,367	2,403	51	28	23	4,821
1972	5,007	2,535	2,472	56	32	24	5,063
1973	5,187	2,653	2,534	62	38	24	5,249
1974	5,304	2,711	2,593	71	45	26	5,375
1975	5,417	2,754	2,663	85	54	31	5,502
1976	5,483	2,789	2,694	101	61	40	5,584
1977	5,493	2,809	2,684	105	64	45	5,598
1978	5,456	2,818	2,638	114	67	47	5,570
1979	5,380	2,771	2,609	116	70	46	5,496
1980	5,282	2,710	2,572	115	70	45	5,397
1981	5,202	2,660	2,542	111	65	46	5,313
1982	5,120	2,599	2,521	110	63	47	5,230
1983	4,981	2,518	2,463	107	61	46	5,087
1984	4,830	2,450	2,380	104	60	44	4,934
1985	4,660	2,361	2,299	98	55	43	4,758
1986	4,560	2,315	2,245	95	54	41	4,655
1987	4,672	2,421	2,251	72	37	35	4,744
1988	4,975	2,629	2,346	31	13	18	5,006
1989	4,690	2,470	2,220	58	24	34	4,748
1990	4,150	2,050	2,100	53	25	28	4,203
1991	4,070	2,134	1,936	37	15	22	4,107
1992	4,041	2,081	1,960	44	21	23	4,085
1993	4,041	2,084	1,957	49	24	25	4,090
1994	3,999	2,130	1,869	55	28	27	4,054

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LUZERNE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	6,506	3,270	3,236	118	19	99	6,624
1972	6,679	3,374	3,305	94	20	74	6,773
1973	6,681	3,380	3,301	64	19	45	6,745
1974	6,586	3,329	3,257	46	19	27	6,632
1975	6,519	3,296	3,223	42	18	24	6,561
1976	6,495	3,279	3,216	44	20	24	6,539
1977	6,491	3,268	3,223	46	22	24	6,537
1978	6,419	3,226	3,193	45	24	21	6,464
1979	6,290	3,178	3,112	44	23	21	6,334
1980	6,112	3,113	2,999	44	21	23	6,156
1981	5,999	3,069	2,930	49	22	27	6,048
1982	5,892	3,019	2,873	54	23	31	5,946
1983	5,738	2,928	2,810	57	26	31	5,795
1984	5,505	2,796	2,709	52	24	28	5,557
1985	5,316	2,685	2,631	46	21	25	5,362
1986	5,192	2,605	2,587	34	16	18	5,226
1987	5,188	2,630	2,558	28	12	16	5,216
1988	5,240	2,674	2,566	16	7	9	5,256
1989	5,012	2,535	2,477	34	11	23	5,044
1990	4,721	2,423	2,298	33	12	21	4,754
1991	4,399	2,228	2,171	31	14	17	4,430
1992	4,319	2,175	2,144	31	11	20	4,350
1993	4,107	2,052	2,055	30	13	17	4,137
1994	4,090	2,052	2,038	38	19	19	4,128

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: LYCOMING COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,442	1,238	1,204	27	14	13	2,469
1972	2,461	1,244	1,217	26	13	13	2,487
1973	2,415	1,215	1,200	25	12	13	2,440
1974	2,404	1,204	1,200	26	11	15	2,430
1975	2,403	1,202	1,201	28	11	17	2,431
1976	2,429	1,228	1,201	30	13	17	2,459
1977	2,431	1,239	1,192	30	14	16	2,461
1978	2,428	1,244	1,184	32	17	15	2,460
1979	2,407	1,234	1,173	29	15	14	2,436
1980	2,361	1,212	1,149	28	13	15	2,389
1981	2,305	1,180	1,125	26	11	15	2,331
1982	2,231	1,131	1,100	27	11	16	2,258
1983	2,107	1,061	1,046	26	11	15	2,133
1984	1,985	1,001	984	29	12	17	2,014
1985	1,869	950	919	29	12	17	1,898
1986	1,784	903	881	25	11	14	1,809
1987	1,740	908	832	23	8	15	1,763
1988	1,637	895	742	14	3	11	1,651
1989	1,775	981	794	17	7	10	1,792
1990	1,571	795	776	14	6	8	1,585
1991	1,435	738	697	17	6	11	1,452
1992	1,496	786	710	17	4	13	1,513
1993	1,433	724	709	17	6	11	1,450
1994	1,394	736	658	25	6	19	1,419

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: McKEAN COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,044	529	515	2	1	1	1,046
1972	1,128	573	555	1	0	1	1,129
1973	1,142	575	567	0	0	0	1,142
1974	1,123	564	559	0	0	0	1,123
1975	1,098	551	547	1	1	0	1,099
1976	1,084	549	535	1	1	0	1,085
1977	1,066	546	520	1	1	0	1,067
1978	1,051	537	514	2	2	0	1,053
1979	1,027	517	510	2	2	0	1,029
1980	993	492	501	1	1	0	994
1981	958	477	481	1	1	0	959
1982	937	473	464	1	1	0	938
1983	919	463	452	0	0	0	919
1984	884	445	439	0	0	0	884
1985	863	433	430	0	0	0	863
1986	841	424	417	0	0	0	841
1987	869	439	430	0	0	0	869
1988	965	468	497	0	0	0	965
1989	966	467	499	0	0	0	966
1990	819	379	440	0	0	0	819
1991	755	379	376	0	0	0	755
1992	800	422	378	0	0	0	800
1993	693	372	321	0	0	0	693
1994	681	338	343	0	0	0	681

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: MERCER COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,869	1,482	1,387	153	79	74	3,022
1972	2,920	1,534	1,386	167	89	78	3,087
1973	2,893	1,542	1,351	170	91	79	3,063
1974	2,849	1,517	1,332	170	92	78	3,019
1975	2,792	1,466	1,326	165	90	75	2,957
1976	2,758	1,429	1,329	163	91	72	2,921
1977	2,691	1,374	1,314	161	90	71	2,852
1978	2,590	1,318	1,272	161	89	72	2,951
1979	2,479	1,254	1,223	153	82	71	2,630
1980	2,399	1,217	1,182	143	75	68	2,542
1981	2,351	1,203	1,148	132	68	64	2,483
1982	2,303	1,183	1,120	125	64	61	2,428
1983	2,233	1,148	1,085	122	61	61	2,355
1984	2,145	1,097	1,048	114	56	58	2,259
1985	2,058	1,053	1,005	109	54	55	2,167
1986	1,981	1,007	974	103	49	54	2,084
1987	1,982	1,028	954	99	46	53	2,081
1988	2,002	1,047	955	101	53	48	2,103
1989	2,014	1,046	968	82	45	37	2,096
1990	1,768	953	815	104	60	54	1,872
1991	1,616	828	788	114	66	48	1,730
1992	1,666	867	799	89	59	30	1,755
1993	1,612	844	768	100	62	38	1,712
1994	1,608	828	780	91	55	36	1,699

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: MIFFLIN COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	994	447	447	2	1	1	996
1972	947	469	478	1	0	1	948
1973	957	470	487	1	0	1	958
1974	943	459	484	1	0	1	944
1975	934	461	473	0	0	0	934
1976	939	464	475	1	1	0	940
1977	946	465	481	1	1	0	947
1978	957	460	497	1	1	0	958
1979	950	452	498	1	1	0	951
1980	949	455	494	1	1	0	950
1981	951	461	487	1	1	0	952
1982	949	468	481	1	1	0	950
1983	922	454	468	1	1	0	923
1984	889	439	450	1	1	0	890
1985	858	418	440	1	1	0	859
1986	850	412	432	0	0	0	850
1987	874	411	463	1	1	0	875
1988	890	437	453	2	2	0	892
1989	827	403	424	3	2	1	830
1990	804	408	396	3	2	1	807
1991	742	354	388	3	2	1	745
1992	649	335	314	4	2	2	653
1993	590	300	290	1	1	0	591
1994	660	332	328	0	0	0	660

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: MONROE COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	1,009	461	548	16	10	6	1,025
1972	968	461	507	16	10	6	984
1973	939	456	483	16	10	6	955
1974	944	460	484	15	9	6	959
1975	942	458	484	15	9	6	957
1976	947	465	482	15	9	6	962
1977	956	468	488	16	10	6	972
1978	965	478	487	17	11	6	982
1979	956	478	478	16	10	6	972
1980	940	477	463	14	9	5	954
1981	936	477	459	13	8	5	949
1982	934	476	458	12	8	4	946
1983	913	456	457	13	8	5	926
1984	865	426	439	12	7	5	877
1985	814	404	410	11	6	5	825
1986	806	396	410	8	4	4	814
1987	827	409	418	7	3	4	834
1988	870	414	456	6	4	2	876
1989	778	361	417	18	13	5	796
1990	790	346	444	11	8	3	801
1991	785	371	414	9	6	3	794
1992	843	392	451	9	7	2	852
1993	826	367	459	12	8	4	838
1994	905	440	465	10	8	1	915

PROJECTION OF 18 YEAR OLD-POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: MONTGOMERY COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	12,576	6,294	6,282	466	233	233	13,042
1972	13,648	6,997	6,651	500	255	245	14,148
1973	14,269	7,382	6,887	530	275	255	14,799
1974	14,510	7,500	7,010	547	282	265	15,057
1975	14,740	7,593	7,147	556	282	274	15,296
1976	15,011	7,693	7,318	567	280	287	15,578
1977	15,232	7,778	7,454	590	289	301	15,822
1978	15,381	7,824	7,557	616	302	314	15,997
1979	15,339	7,797	7,542	634	312	322	15,973
1980	15,275	7,743	7,532	632	312	320	15,907
1981	15,186	7,713	7,473	627	311	316	15,813
1982	15,018	7,664	7,354	614	310	304	15,632
1983	14,545	7,467	7,078	604	314	290	15,149
1984	13,992	7,173	6,819	561	294	267	14,553
1985	13,586	6,957	6,629	520	274	246	14,106
1986	13,387	6,852	6,535	481	257	224	13,868
1987	13,501	6,868	6,633	443	240	203	13,944
1988	13,738	6,899	6,839	353	189	164	14,091
1989	12,056	6,227	5,829	406	199	207	12,462
1990	10,844	5,565	5,279	393	178	215	11,237
1991	10,498	5,364	5,134	344	167	177	10,842
1992	10,517	5,333	5,184	393	201	192	10,910
1993	9,959	5,094	4,865	395	198	197	10,354
1994	9,906	5,100	4,806	425	204	221	10,331

PROJECTION OF 18 YEAR OLD-POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: MONTOUR COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	322	149	173	1	1	0	323
1972	336	167	169	1	1	0	337
1973	340	172	168	1	1	0	341
1974	337	170	167	1	1	0	338
1975	328	162	166	0	0	0	328
1976	324	158	166	0	0	0	324
1977	325	159	166	0	0	0	325
1978	325	161	164	0	0	0	325
1979	321	159	162	0	0	0	321
1980	312	149	163	0	0	0	312
1981	303	142	161	0	0	0	303
1982	292	139	153	0	0	0	292
1983	274	132	142	0	0	0	274
1984	254	125	129	0	0	0	254
1985	237	120	117	0	0	0	237
1986	235	120	115	0	0	0	235
1987	210	110	100	0	0	0	210
1988	194	110	84	0	0	0	194
1989	219	123	96	0	0	0	219
1990	209	114	88	0	0	0	209
1991	193	97	96	0	0	0	193
1992	202	115	87	0	0	0	202
1993	211	122	89	0	0	0	211
1994	192	111	81	0	0	0	192

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: NORTHAMPTON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	4,445	2,409	2,036	82	43	39	4,527
1972	4,475	2,321	2,154	84	42	42	4,559
1973	4,484	2,270	2,214	85	41	44	4,569
1974	4,473	2,262	2,211	92	45	47	4,565
1975	4,464	2,271	2,193	97	49	48	4,561
1976	4,477	2,306	2,171	102	53	49	4,579
1977	4,486	2,336	2,150	101	55	46	4,587
1978	4,427	2,316	2,111	101	56	45	4,528
1979	4,320	2,258	2,062	104	57	47	4,424
1980	4,225	2,210	2,015	107	58	49	4,332
1981	4,202	2,198	2,004	112	62	50	4,314
1982	4,173	2,178	1,995	118	67	51	4,291
1983	4,097	2,126	1,971	121	73	48	4,218
1984	3,958	2,044	1,914	120	72	48	4,078
1985	3,818	1,960	1,858	117	69	48	3,935
1986	3,725	1,923	1,802	112	68	44	3,837
1987	3,678	1,859	1,819	108	58	50	3,784
1988	3,820	1,881	1,939	115	48	67	3,935
1989	3,605	1,800	1,805	143	51	92	3,748
1990	3,234	1,635	1,599	126	59	67	3,360
1991	3,149	1,622	1,527	134	55	79	3,283
1992	3,180	1,594	1,586	148	67	81	3,328
1993	3,222	1,639	1,583	127	60	67	3,349
1994	3,165	1,648	1,517	144	59	85	3,309

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: NORTHUMBERLAND COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,877	958	919	3	1	2	1,880
1972	1,993	1,027	966	3	0	3	1,996
1973	2,010	1,032	978	2	0	2	2,012
1974	1,964	1,000	964	3	1	2	1,967
1975	1,932	980	952	2	1	1	1,934
1976	1,932	979	953	3	1	2	1,935
1977	1,923	973	950	4	1	3	1,927
1978	1,901	958	943	4	1	3	1,905
1979	1,839	921	918	5	1	4	1,844
1980	1,788	894	894	4	1	3	1,782
1981	1,748	878	870	3	1	2	1,751
1982	1,717	872	845	3	1	2	1,720
1983	1,667	849	818	3	2	1	1,670
1984	1,588	808	780	2	1	1	1,590
1985	1,508	769	739	2	1	1	1,510
1986	1,434	722	712	2	1	1	1,436
1987	1,424	728	696	3	2	1	1,427
1988	1,424	747	677	9	8	1	1,433
1989	1,458	749	709	7	5	2	1,465
1990	1,366	699	667	3	2	1	1,369
1991	1,316	661	665	6	5	1	1,322
1992	1,268	645	623	7	6	1	1,275
1993	1,242	618	624	5	3	2	1,247
1994	1,123	565	558	3	2	1	1,126

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: PERRY COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	655	339	316	5	5	0	660
1972	703	367	336	9	9	0	712
1973	711	370	341	13	13	0	724
1974	685	355	330	12	12	0	697
1975	660	343	317	8	8	0	668
1976	645	344	301	3	3	0	648
1977	642	338	304	1	1	0	643
1978	631	329	302	1	1	0	632
1979	617	313	304	1	1	0	618
1980	607	310	297	1	1	0	608
1981	603	313	290	1	1	0	604
1982	587	311	276	1	1	0	588
1983	584	306	278	1	1	0	585
1984	569	292	277	1	1	0	570
1985	548	277	271	0	0	0	548
1986	554	273	281	0	0	0	554
1987	569	295	274	0	0	0	569
1988	637	357	280	0	0	0	637
1989	637	322	315	1	1	0	638
1990	651	330	321	1	1	0	652
1991	610	337	273	1	1	0	611
1992	617	321	296	3	3	0	620
1993	549	292	257	3	3	0	552
1994	600	321	279	1	1	0	601

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: PHILADELPHIA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	22,160	11,205	10,955	14,010	6,756	7,254	36,170
1972	21,752	11,045	10,707	15,082	7,396	7,686	36,834
1973	21,285	10,828	10,457	16,011	7,882	8,129	37,296
1974	20,637	10,514	10,123	16,618	8,153	3,465	37,225
1975	20,024	10,209	9,815	17,061	8,350	8,711	37,085
1976	19,520	9,927	9,593	17,462	8,530	3,932	36,982
1977	19,129	9,734	9,395	17,745	8,697	9,048	36,874
1978	18,682	9,518	9,164	17,962	8,816	9,086	36,644
1979	18,030	9,214	8,816	17,824	8,839	8,985	35,854
1980	17,251	8,804	8,447	17,612	8,721	8,891	34,863
1981	16,522	8,424	8,098	17,498	8,658	8,840	34,020
1982	15,776	8,022	7,754	17,322	8,561	8,761	33,098
1983	14,818	7,499	7,319	16,773	8,298	8,475	31,591
1984	13,777	6,954	6,823	15,896	7,839	8,057	29,673
1985	12,824	6,455	6,369	14,949	7,360	7,589	27,773
1986	12,129	6,108	6,021	14,008	6,896	7,112	26,137
1987	11,769	5,899	5,870	12,926	6,245	6,681	24,695
1988	11,892	5,913	5,979	11,320	5,352	5,968	23,212
1989	10,535	5,252	5,283	12,850	6,239	6,611	23,385
1990	9,438	4,758	4,680	11,199	5,400	5,799	20,637
1991	8,526	4,274	4,252	10,472	5,049	5,423	18,998
1992	8,516	4,148	4,268	10,099	4,969	5,130	18,615
1993	7,920	3,988	3,932	10,593	5,138	5,455	18,513
1994	7,539	3,801	3,738	11,034	5,294	5,740	18,573

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: PIKE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	209	106	103	0	0	0	209
1972	245	125	120	0	0	0	245
1973	267	138	129	0	0	0	267
1974	278	148	130	1	0	1	279
1975	279	145	134	1	0	1	280
1976	278	141	137	1	0	1	279
1977	278	136	142	1	0	1	279
1978	281	144	137	1	0	1	282
1979	288	152	138	2	0	2	290
1980	297	156	141	1	0	1	298
1981	299	154	145	1	0	1	300
1982	290	149	141	1	0	1	291
1983	286	147	139	1	0	1	286
1984	287	153	134	0	0	0	287
1985	292	155	137	1	0	1	293
1986	305	157	148	0	0	0	305
1987	355	180	178	0	0	0	355
1988	442	218	224	0	0	0	442
1989	437	208	229	0	0	0	437
1990	380	208	172	0	0	0	380
1991	511	254	257	0	0	0	511
1992	368	165	203	0	0	0	368
1993	423	189	234	0	0	0	423
1994	402	221	170	0	0	0	391

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: POTTER COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	340	172	168	0	0	0	340
1972	368	188	180	0	0	0	368
1973	378	198	180	0	0	0	378
1974	366	194	172	0	0	0	366
1975	357	196	161	0	0	0	357
1976	352	196	156	0	0	0	352
1977	357	198	159	0	0	0	357
1978	356	190	166	0	0	0	356
1979	350	182	168	0	0	0	350
1980	341	173	168	0	0	0	341
1981	339	173	166	0	0	0	339
1982	331	167	164	0	0	0	331
1983	320	161	159	0	0	0	320
1984	307	154	153	0	0	0	307
1985	302	152	150	0	0	0	302
1986	299	156	143	0	0	0	299
1987	320	171	149	0	0	0	320
1988	319	165	154	0	0	0	319
1989	348	205	143	0	0	0	348
1990	333	174	159	0	0	0	333
1991	280	147	133	0	0	0	280
1992	309	157	152	0	0	0	309
1993	280	155	125	0	0	0	280
1994	261	127	134	0	0	0	261

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: SCHUYLKILL COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	2,971	1,467	1,504	10	6	4	2,981
1972	3,126	1,555	1,571	8	5	3	3,134
1973	3,175	1,584	1,591	6	4	2	3,181
1974	3,129	1,569	1,560	6	4	2	3,135
1975	3,082	1,557	1,525	5	3	2	3,087
1976	3,033	1,543	1,490	6	3	3	3,039
1977	2,973	1,515	1,458	5	3	2	2,978
1978	2,900	1,468	1,432	5	3	2	2,905
1979	2,810	1,418	1,392	5	3	2	2,815
1980	2,743	1,376	1,367	4	2	2	2,747
1981	2,707	1,364	1,343	4	2	2	2,711
1982	2,664	1,340	1,324	3	1	2	2,667
1983	2,591	1,312	1,279	3	1	2	2,594
1984	2,472	1,249	1,223	3	1	2	2,475
1985	2,349	1,191	1,158	4	1	3	2,353
1986	2,268	1,164	1,104	3	1	2	2,271
1987	2,193	1,114	1,079	2	1	1	2,195
1988	2,192	1,079	1,113	3	3	0	2,195
1989	2,217	1,094	1,123	3	3	0	2,220
1990	2,211	1,113	1,098	5	4	1	2,216
1991	1,988	990	998	3	3	0	1,991
1992	1,894	974	920	3	3	0	1,897
1993	1,818	948	870	6	5	1	1,824
1994	1,742	841	901	8	7	1	1,750

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: SNYDER COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	709	368	341	10	8	2	719
1972	692	358	334	8	6	2	700
1973	668	342	326	7	5	2	675
1974	659	331	328	5	3	2	664
1975	649	325	324	4	2	2	653
1976	654	327	327	1	0	1	655
1977	657	331	326	0	0	0	657
1978	663	333	330	0	0	0	663
1979	659	333	326	1	0	1	660
1980	651	330	321	1	0	1	652
1981	649	334	315	1	0	1	650
1982	648	335	313	0	0	0	648
1983	648	337	311	0	0	0	648
1984	636	327	309	0	0	0	636
1985	615	307	308	0	0	0	615
1986	615	295	320	0	0	0	615
1987	632	292	340	0	0	0	632
1988	665	304	361	0	0	0	665
1989	666	322	344	0	0	0	666
1990	647	351	296	0	0	0	647
1991	624	281	343	0	0	0	624
1992	577	282	295	0	0	0	577
1993	576	297	297	0	0	0	576
1994	611	298	313	0	0	0	611

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: SOMERSET COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,590	804	786	1	1	0	1,591
1972	1,675	859	816	2	1	1	1,677
1973	1,686	876	810	1	0	1	1,687
1974	1,656	853	803	1	0	1	1,657
1975	1,646	842	804	1	0	1	1,647
1976	1,635	832	803	2	1	1	1,637
1977	1,615	826	789	2	1	1	1,617
1978	1,573	809	764	2	1	1	1,575
1979	1,522	788	734	2	1	1	1,524
1980	1,463	760	703	2	1	1	1,465
1981	1,443	743	700	3	2	1	1,446
1982	1,425	731	694	3	2	1	1,428
1983	1,419	732	687	5	3	2	1,424
1984	1,380	717	663	4	2	2	1,384
1985	1,354	712	642	3	2	1	1,357
1986	1,316	699	617	2	1	1	1,318
1987	1,364	740	624	2	2	0	1,366
1988	1,343	717	626	5	5	0	1,348
1989	1,384	672	712	0	0	0	1,384
1990	1,334	662	672	0	0	0	1,334
1991	1,275	653	622	10	10	0	1,285
1992	1,233	626	607	5	5	0	1,238
1993	1,258	632	626	10	10	0	1,268
1994	1,238	642	596	10	10	0	1,248

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: SULLIVAN COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	131	69	62	0	0	0	131
1972	140	73	67	0	0	0	140
1973	142	73	69	0	0	0	142
1974	137	68	69	0	0	0	137
1975	135	65	70	0	0	0	135
1976	136	64	72	1	0	1	137
1977	136	66	70	1	0	1	137
1978	140	70	70	1	0	1	141
1979	136	70	66	1	0	1	137
1980	134	68	66	0	0	0	134
1981	126	62	64	0	0	0	126
1982	120	56	64	0	0	0	120
1983	112	52	60	0	0	0	112
1984	107	50	57	0	0	0	107
1985	106	53	53	0	0	0	106
1986	106	54	52	0	0	0	106
1987	102	52	50	0	0	0	102
1988	119	50	69	0	0	0	119
1989	115	51	64	0	0	0	115
1990	84	42	42	0	0	0	84
1991	86	28	58	0	0	0	86
1992	111	42	69	0	0	0	111
1993	99	44	55	0	0	0	99
1994	100	44	56	0	0	0	100

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: SUSQUEHANNA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	676	353	323	0	0	0	676
1972	740	388	352	1	0	1	741
1973	771	405	366	1	0	1	772
1974	778	408	370	1	0	1	779
1975	793	414	379	2	1	1	795
1976	812	420	392	1	1	0	813
1977	824	424	400	2	1	1	826
1978	832	427	405	2	1	1	834
1979	823	422	401	1	0	1	824
1980	815	418	397	0	0	0	815
1981	782	403	379	0	0	0	782
1982	755	392	363	0	0	0	755
1983	716	373	343	0	0	0	716
1984	694	358	336	0	0	0	694
1985	688	353	335	0	0	0	688
1986	692	361	331	0	0	0	692
1987	701	375	326	0	0	0	701
1988	739	412	327	0	0	0	739
1989	821	455	366	0	0	0	821
1990	656	346	310	0	0	0	656
1991	627	336	291	0	0	0	627
1992	712	412	300	0	0	0	712
1993	708	402	306	0	0	0	708
1994	706	395	311	0	0	0	706

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: TIOGA COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	990	452	538	2	1	1	992
1972	927	447	480	3	2	1	930
1973	897	447	450	2	2	0	899
1974	903	453	450	2	2	0	905
1975	905	455	450	3	2	1	908
1976	910	459	451	2	1	1	912
1977	927	469	458	2	2	0	929
1978	939	473	466	1	1	0	940
1979	936	469	467	2	2	0	938
1980	916	456	460	2	1	1	918
1981	890	444	446	3	2	1	893
1982	860	428	432	4	2	2	864
1983	807	400	407	4	2	2	811
1984	777	385	392	3	2	1	780
1985	753	371	382	2	1	1	755
1986	740	368	372	2	1	1	742
1987	751	370	381	1	0	1	752
1988	740	379	361	0	0	0	740
1989	723	384	339	0	0	0	723
1990	668	343	325	0	0	0	668
1991	649	330	319	0	0	0	649
1992	602	311	291	0	0	0	602
1993	629	323	306	1	0	1	630
1994	562	288	274	2	0	2	564

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: UNION COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	691	375	316	12	4	8	703
1972	599	314	285	10	3	7	609
1973	565	284	272	8	3	5	573
1974	569	289	280	5	3	2	574
1975	581	296	285	5	3	2	586
1976	587	801	286	3	2	1	590
1977	585	303	282	1	1	0	586
1978	581	303	278	1	1	0	582
1979	587	310	277	0	0	0	587
1980	584	312	272	0	0	0	584
1981	589	312	277	0	0	0	589
1982	576	301	275	0	0	0	576
1983	557	283	274	0	0	0	557
1984	542	273	269	0	0	0	542
1985	531	272	259	0	0	0	531
1986	519	270	249	0	0	0	519
1987	541	267	274	0	0	0	541
1988	595	278	317	0	0	0	595
1989	576	270	306	0	0	0	576
1990	576	274	302	0	0	0	576
1991	511	275	236	0	0	0	511
1992	543	244	299	0	0	0	543
1993	482	228	254	0	0	0	482
1994	497	250	247	0	0	0	497

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: VENANGO COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	1,363	670	693	10	5	5	1,373
1972	1,448	717	731	11	5	6	1,459
1973	1,470	730	740	10	4	6	1,480
1974	1,432	718	714	9	3	6	1,441
1975	1,389	705	684	10	3	7	1,399
1976	1,351	688	663	12	3	9	1,363
1977	1,329	680	649	13	3	10	1,342
1978	1,320	675	645	11	3	8	1,331
1979	1,290	662	628	12	5	7	1,302
1980	1,244	635	609	11	6	5	1,255
1981	1,184	597	587	11	6	5	1,195
1982	1,142	574	568	13	7	6	1,155
1983	1,104	562	542	13	6	7	1,117
1984	1,074	554	520	12	5	7	1,086
1985	1,049	547	502	11	6	5	1,060
1986	1,005	523	482	9	5	4	1,014
1987	981	510	471	7	5	2	988
1988	910	446	464	3	3	0	913
1989	999	515	484	12	11	1	1,011
1990	873	454	419	15	14	1	888
1991	850	445	405	12	11	1	862
1992	849	449	400	12	11	1	861
1993	913	459	454	20	17	3	933
1994	867	450	417	13	11	2	880

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: WARREN COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	954	490	464	0	0	0	954
1972	1,036	534	502	1	0	1	1,037
1973	1,071	552	519	1	0	1	1,072
1974	1,066	547	519	1	0	1	1,067
1975	1,076	555	521	0	0	0	1,076
1976	1,081	562	519	0	0	0	1,081
1977	1,080	568	512	0	0	0	1,080
1978	1,062	563	499	0	0	0	1,062
1979	1,051	556	495	0	0	0	1,051
1980	1,031	542	489	0	0	0	1,031
1981	1,024	539	485	0	0	0	1,024
1982	1,007	528	479	0	0	0	1,007
1983	989	529	460	0	0	0	989
1984	956	518	438	0	0	0	956
1985	925	501	424	0	0	0	925
1986	886	471	415	0	0	0	886
1987	884	477	407	0	0	0	884
1988	966	501	465	0	0	0	966
1989	943	467	476	0	0	0	943
1990	855	445	410	0	0	0	855
1991	772	384	388	0	0	0	772
1992	840	425	415	0	0	0	840
1993	791	422	369	0	0	0	791
1994	773	395	378	0	0	0	773

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: WASHINGTON COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	4,351	2,176	2,175	202	107	95	4,553
1972	4,443	2,238	2,205	208	112	96	4,651
1973	4,465	2,262	2,203	210	116	94	4,675
1974	4,446	2,257	2,189	203	112	91	4,649
1975	4,431	2,253	2,178	197	104	93	4,628
1976	4,403	2,244	2,159	188	94	94	4,591
1977	4,336	2,207	2,129	183	90	93	4,519
1978	4,225	2,146	2,079	175	88	87	4,400
1979	4,067	2,053	2,014	166	82	84	4,233
1980	3,093	1,973	1,930	153	75	78	4,056
1981	3,770	1,915	1,855	144	70	74	3,914
1982	3,640	1,864	1,776	136	68	68	3,776
1983	3,496	1,799	1,696	128	67	61	3,624
1984	3,339	1,720	1,619	116	63	53	3,455
1985	3,226	1,662	1,564	106	59	47	3,332
1986	3,189	1,649	1,540	101	56	45	3,290
1987	3,104	1,573	1,531	96	53	43	3,200
1988	2,982	1,470	1,512	77	39	38	3,059
1989	3,208	1,643	1,565	123	65	58	3,331
1990	2,887	1,472	1,415	102	60	42	2,989
1991	2,780	1,422	1,358	83	44	39	2,863
1992	2,731	1,367	1,364	86	47	39	2,817
1993	2,618	1,271	1,347	81	38	43	2,699
1994	2,563	1,287	1,276	76	34	42	2,639

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: WAYNE COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	549	284	265	2	2	0	551
1972	606	313	293	1	1	0	607
1973	629	327	302	1	1	0	630
1974	626	326	300	2	2	0	628
1975	630	331	299	1	1	0	631
1976	637	336	301	1	1	0	638
1977	641	337	304	0	0	0	641
1978	644	335	309	1	1	0	645
1979	657	337	320	1	1	0	658
1980	666	337	329	2	2	0	668
1981	677	344	333	2	2	0	679
1982	667	342	325	2	2	0	669
1983	646	330	316	2	2	0	648
1984	623	308	315	2	2	0	625
1985	595	287	308	1	1	0	596
1986	594	284	310	0	0	0	594
1987	629	295	334	0	0	0	629
1988	727	342	385	0	0	0	727
1989	732	383	349	0	0	0	732
1990	715	325	390	0	0	0	715
1991	705	376	329	1	0	1	706
1992	721	359	362	0	0	0	721
1993	745	371	374	0	0	0	745
1994	666	350	316	0	0	0	666

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: WESTMORELAND COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	7,624	3,821	3,803	150	77	73	7,774
1972	8,124	4,111	4,013	148	76	72	8,272
1973	8,298	4,216	4,082	149	75	74	8,447
1974	8,315	4,236	4,079	145	70	75	8,460
1975	8,364	4,257	4,107	140	65	75	8,504
1976	8,452	4,317	4,135	133	59	74	8,585
1977	8,447	4,317	4,130	129	57	72	8,576
1978	8,367	4,294	4,073	126	56	70	8,493
1979	8,161	4,181	3,980	121	56	65	8,282
1980	7,972	4,083	3,889	118	56	62	8,090
1981	7,891	4,023	3,868	109	55	54	8,000
1982	7,869	4,004	3,856	105	55	50	7,974
1983	7,781	3,965	3,816	99	53	46	7,880
1984	7,570	3,850	3,720	91	50	41	7,661
1985	7,338	3,726	3,612	85	49	36	7,423
1986	7,160	3,616	3,544	79	46	33	7,239
1987	7,007	3,515	3,492	66	38	28	7,073
1988	6,872	3,423	3,449	50	27	23	6,922
1989	6,728	3,370	3,358	69	42	27	6,797
1990	5,856	3,021	2,835	77	41	36	5,933
1991	5,548	2,765	2,783	69	35	34	5,617
1992	5,538	2,712	2,826	74	41	33	5,612
1993	5,560	2,788	2,772	69	37	32	5,629
1994	5,414	2,720	2,694	74	43	31	5,488

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: WYOMING COUNTY

	White			Nonwhite			Total
Year	Total	Male	Female	Total	Male	Female	
1971	383	203	180	2	1	1	385
1972	422	232	190	2	2	0	424
1973	445	244	201	3	3	0	448
1974	453	246	207	4	4	0	457
1975	453	241	212	4	4	0	457
1976	451	240	211	3	3	0	454
1977	445	240	205	2	2	0	447
1978	449	248	201	1	1	0	450
1979	461	256	205	1	1	0	462
1980	474	258	216	1	1	0	475
1981	481	258	223	1	1	0	482
1982	481	256	225	0	0	0	481
1983	477	254	223	0	0	0	477
1984	488	258	230	0	0	0	488
1985	528	273	255	0	0	0	528
1986	591	303	288	0	0	0	591
1987	677	331	346	1	0	1	678
1988	752	370	382	1	0	1	753
1989	810	414	396	0	0	0	810
1990	782	411	371	1	0	1	783
1991	716	339	377	1	0	1	717
1992	727	356	371	0	0	0	727
1993	684	332	352	2	0	2	686
1994	691	335	356	0	0	0	691

PROJECTION OF 18 YEAR-OLD POPULATION OF PENNSYLVANIA
BY RACE, SEX, AND COUNTY: YORK COUNTY

Year	White			Nonwhite			Total
	Total	Male	Female	Total	Male	Female	
1971	5,310	2,656	2,654	168	83	85	5,478
1972	5,677	2,864	2,813	179	87	92	5,856
1973	5,869	2,975	2,894	181	87	94	6,050
1974	5,904	3,012	2,892	189	89	91	6,084
1975	5,884	3,014	2,870	179	88	91	6,063
1976	5,882	3,011	2,871	191	93	98	6,073
1977	5,923	3,025	2,898	204	95	109	6,127
1978	5,984	3,047	2,937	217	100	117	6,201
1979	6,009	3,071	2,938	224	104	120	6,233
1980	5,942	3,027	2,915	226	107	119	6,168
1981	5,854	2,973	2,881	235	114	121	6,089
1982	5,707	2,896	2,811	243	121	122	5,950
1983	5,513	2,819	2,694	239	122	117	5,752
1984	5,355	2,742	2,613	228	113	115	5,583
1985	5,272	2,718	2,554	208	97	111	5,480
1986	5,301	2,710	2,591	201	95	106	5,502
1987	5,449	2,810	2,639	205	106	99	5,654
1988	5,731	3,007	2,724	209	128	81	5,940
1989	5,519	2,844	2,675	321	216	105	5,840
1990	5,111	2,611	2,500	217	121	96	5,328
1991	4,735	2,411	2,324	213	116	97	4,948
1992	4,602	2,358	2,244	188	100	88	4,790
1993	4,562	2,355	2,207	208	116	92	4,770
1994	4,325	2,258	2,067	205	122	83	4,530

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